RF Connection

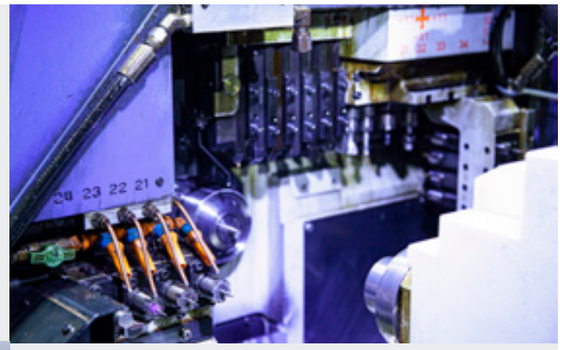
成都华铭电子科技有限公司
Huaming Microwave

2024
Product Catalog
产品选型手册

公司简介

公司简介

成都华铭电子科技有限公司成立于 2009 年 12 月， 是一家专注于射频同轴连接器、射频同轴电缆组件、射频微波分系统、射频微波组件等领域科研和生产的企业，为海陆空星天不同领域的需求提供优质与创新的解决方案。



Company Profile

Chengdu Huaming Microwave Technology Co., Ltd. was established in December 2009. It is an enterprise that specializes in the research and production of RF coaxial connectors, RF coaxial cable assemblies, RF microwave subsystems and RF microwave components, and provides high-quality and innovative solutions to meet the needs of the navy, army, air force and space force.

Company Profile

能力与技术

研发

华铭在射频行业深耕 30 余年，其研发团队多次参与国家研究所的重大国防项目。在射频组件领域，华铭的研发技术已达到国内外领先水平。

R&D

Huaming has been working in the RF industry for more than 30 years, and was involved in major scientific research projects many times. It has been playing a leading role in research and development of RF components at home and abroad.

生产

华铭拥有多种精密自动加工设备，可以生产各种精度的连接器零件、大型微波类腔体等产品，在生产周期较短的情况下也能满足客户定制化的生产需求。

Production Capabilities

Huaming has a variety of automatic processing equipment, which can produce connector parts with various finishes, large microwave cavities and other customized products. It can meet the individual production needs of customers within a short period.

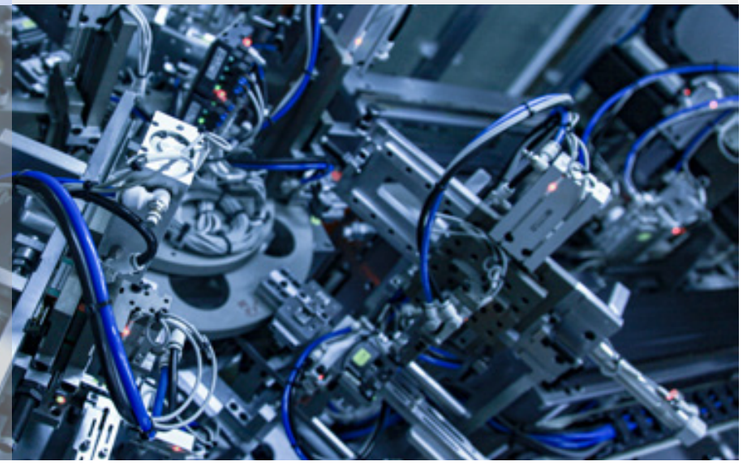
组装

组装

在射频同轴连接器生产的基础上，华铭近年来持续提升研发能力，在相控阵等相模块方面，完成并交付了多个大型高难度项目，并总结出了成熟的组装工艺。在产品装配、时效处理、插拔力测试等方面，已实现自动化装配与检测，保证了标准化的批量生产，提升了交付效率。

Assembly

Based on the experience of producing RF coaxial connectors, Huaming has continued to improve its research and development capabilities, delivered a number of difficult projects in the field of phased array connection components, and gathered mature assembly expertise. In terms of product assembly, aging and thermal treatment, plugging force testing, etc., automated assembly and testing have been realized, which helps produce standardized mass production and improve delivery efficiency.



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Company Profile

研发测试

质量

华铭通过专业的工艺技术与检测能力，为客户提供标准化、稳定可靠的产品，并通过了 ISO9001:2015 质量管理体系认证和 GJB 9001C-2017 武器装备质量管理体系认证。

Quality

Huaming provides customers with standardized, stable and reliable products through professional processing technology and testing capabilities. It has passed ISO9001:2015 certification of quality management system and GJB 9001C-2017 certification of weapon equipment quality management system.

测试与验证

在研发到量产的各个阶段，华铭的所有产品都按照 GB 及 GJB 相关标准，对于六性要求做了充分验证。生产与试验中配备了矢量网络分析仪、硬度仪，插拔力分析仪等检测仪器，确保产品的可靠性和耐用性。

Test and Validation

From research and development to mass production, all products of Huaming have been fully verified for the mechanical and electrical properties in accordance with GB and GJB standards. Its laboratory is equipped with testing instruments such as vector network analyzer, hardness tester, insertion force analyzer, etc. to ensure the reliability and durability of products.

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目录

Contents

命名规则 Naming method

SMP-JWHD01-L

① ② ③ ⑤ ⑦

1	连接器型号 **Connector series**	**SMA, SMP, N75...**
2	插头类型 **Connector type**	**K/J**- 公头 / 母头 male, female
3	连接器 特性与结构 **Connector features & structure**	**F**- 法兰 flange **W**- 弯头 right angle **Y**- 穿墙 through wall **H**- 焊接 soldering **R**- 负载 load **C**- 自锁形 press-fit **D**- 微带 / 带线 microstrip & stripline **T**- 弹性浮动 Spring-loaded
4	密封类型 **seal type**	**M**- 密封 galss seal **S**- 防水 waterproof **Q**- 气密 airtight
5	编号 **Number**	**系列编号 Successive number** **电缆型号** - 详情见电缆编号表 **cable moule**- detail see cable table
6	材质 **Material**	**G**- 不锈钢材质 Stainless steel housing
7	特殊备注 **Special remark**	**F/L/S**- 限 SMP/SSMP only SMP/SSMP 等其他特殊标识 other special remarks

备注 **Remark**
- 所有编号，若没有则省略
- **all number or abbreviated, if not avaliable, should be omitted**

Introduction

电缆型号 Cable group

电缆型号 Cable model	可替代型号 Exchangeable type	内导体直径 Center Conducotr	外层屏蔽层 Outer Shield	外径 Jacket Diameter	类别 Type
3506	Gore CXN 3506 MICRO-COAX UFF092A TIMES HF-090 Maury SC-185	0.51	1.9	2.2	柔性 flexilibity
3507	Gore CXN 3507 MICRO-COAX UFB142A TIMES HF-160 Maury SC-292	0.91	3.1	3.6	柔性 flexilibity
3449	Gore CXN 3449 MICRO-COAX UFB205A TIMES HF-190 Maury SC-35	1.4	4.4	4.8	柔性 flexilibity
B2	SFT-50-2-1 H+S Semi rigid 86(SR86)	0.53	-	2.2	半钢 semi- rigid
086	H+S Mulitflex 86(MF86) IW RF085	0.53	2.17	2.6	半柔 semi- flexilibity
150	IW 0471 Series	0.29	1.25	1.5	超柔 **ultra flexible**
360	IW 1406	0.72	2.71	3.6	超柔 **ultra flexible**
380	IW 1506	0.91	3.32	3.8	柔性 flexilibity
450	H+S SUCOFLEX-126(SF126) MICRO-COAX UFB197C	1.02	3.78	5	超柔 **ultra flexible**
460	IW 1570 / SFT142	1.02	3.94	4.6	柔性 flexilibity

1 射频连接器
RF-Connector

多样化规格和应用 .

华铭微波的射频连接器提供多种标准选择，包括螺纹式、盲插式等，可以根据客户需求进行定制，频率最高可达 67GHz。无论是在微带线、同轴电缆、波导，还是穿墙应用中，我们都能为各种应用场景提供定制化的解决方案，确保连接的稳定性和性能的一致性。

Variety of Specifications and Applications.

Huaming Microwave offers a wide range of standard RF connectors, including threaded, blind-mate, and other options, all customizable with frequencies reaching up to 67GHz. Whether it's for microstrip lines, coaxial cables, waveguides, or through-wall applications, we provide tailored solutions that ensure stable and consistent performance across various scenarios.

RF Connector

卓越的质量与可靠性 .

我们所有镀金产品均通过了 96 小时的盐雾测试，符合 GJB150.11A 标准，确保其在恶劣环境下的耐腐蚀性和长寿命。此外，华铭微波的射频连接器按照国际标准生产，并经过严格的测试程序，保证产品在最终使用时具备无可挑剔的性能。这些高标准的产品为用户提供了可靠的连接解决方案，满足各种复杂环境下的高要求。

Superior Quality and Reliability.

All our gold-plated products have passed a 96-hour salt spray test in accordance with GJB150.11A, ensuring corrosion resistance and longevity even in harsh environments. Huaming Microwave's RF connectors are manufactured to international standards and undergo rigorous testing to guarantee flawless performance for the end-user. These high-quality products offer reliable connectivity solutions, meeting the demands of challenging environments.

SMP 系列

SMP 是一种小型盲配射频连接器，采用直插和擒纵连接机构，最高工作频率可达到 40 GHz。SMP 提供 3 种不同的连接保持力产品：

- 全擒纵：最大连接保持力
- 半擒纵：中等保持力
- 光孔 / 带制动：最小保持力

华铭同时也提供带有高密度集成多 SMP 端口的连接解决方案。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 SMP 产品，形状、尺寸、材料可根据用户需求定制。

SMP is a type of small blind-mate RF connector, with a maximum operating frequency of up to 40 GHz. SMP offers three different types of connection retention force products.

- Full Detent: Maximum connection retention force
- Limited Detent: Medium retention force
- Smooth bore: Minimum retention force.

Huaming also offers connection solutions with high-density integration of multiple SMP ports. The connector interface complies with the MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

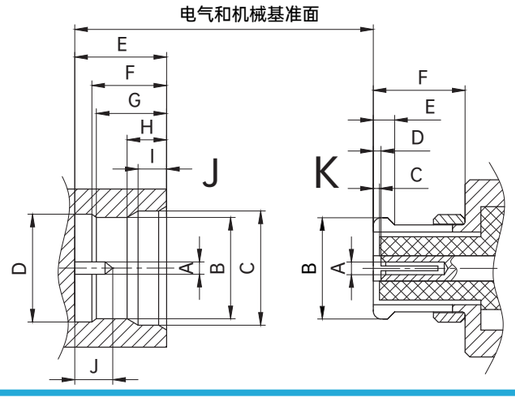
功能 Features

- 最高工作频率 40GHz Frequency range up to 40Ghz
- 小型轻量级连接器 Extremly small dimensions
- 高密度盲插拔 hig- density Blind-mating

产品范围 Product Rang

- 电缆连接器 Cable Assembly
- PCB 印制板连接器 PCB Connector
- 模块间连接器 Panel Connector

连接器界面尺寸
Interface Dimensions



	J 插针 Male						K 插孔 Female	
	光孔 Smooth bore		半擒纵 Limited detent		全擒纵 Full Detent			
	最小 min.	最大 max.	最小 min.	最大 max.	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.36(.014)	Φ 0.41(.016)	Φ 0.36(.014)	Φ 0.41(.016)	Φ 0.36(.014)	Φ 0.41(.016)	可插入直径 0.38±0.03mm 的插针 *(2	
B	Φ 3.13(.123)	Φ 3.23(.127)	Φ 3.00(.118)	Φ 3.10(.122)	Φ 2.90(.114)	Φ 3.00(.118)	-	Φ 3.43(0.135)
C	Φ 3.53(.139)	Φ 3.68(.145)	Φ 3.53(.139)	Φ 3.68(.145)	Φ 3.53(.139)	Φ 3.68(.145)	0.00	0.00
D	-	-	Φ 3.13(.123)	Φ 3.23(1.27)	Φ 3.13(.123)	Φ 3.23(1.27)	0.00	0.20(0.008)
E	2.74(.108)	2.84(.112)	2.74(.108)	2.84(.112)	2.74(.108)	2.84(.112)	0.46(0.178)	0.64(0.25)
F	-	-	2.19(.086)	2.29(.090)	2.19(.086)	2.29(.090)	2.84(0.122)	0.00
G	-	-	1.98(.078)	2.08(.081)	1.98(.078)	2.08(.082)	-	-
H	-	-	1.39(.055)	1.45(.057)	1.39(.055)	1.45(.057)	-	-
I	0.84(0.33)	0.94(0.37)	0.84(0.33)	0.94(0.37)	0.84(0.33)	0.94(0.37)	-	-
J	1.14(.045)	1.40(.055)	1.14(.045)	1.40(.055)	1.14(.045)	1.40(.055)	-	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards

界面标准 |Interface According to	MIL-STD-348B, Fig 326 GJB 5246-2004

电性能 | Electrical data

特性阻抗	Impedance	50Ω
频率范围	Frequency Range	0-18GHz
电压驻波比	VSWR	≤1.02+0.01 x f (GHz)
插损	Insertion loss	≤ 0.06 dB x √f (GHz) [dB]
绝缘电阻	Insulation resistance	≥5000 MΩ
内导体接触电阻	Center Contact resistance	≤6 mΩ
外导体接触电阻	Outer contact resistance	≤2 mΩ
测试电压	Test voltage	500 V
工作电压	Working voltage	335 V
接触电流	Contact current	1.2 A DC Max

机械性能 | Mechanical Data

插拔次数	Mating cycle	光孔 Smooth Bore: > 500 半擒纵 Limited Detent: > 250 全擒纵 Full Detent: > 100
啮合力	Engagement force	光孔 Smooth Bore 9 N Max 半擒纵 Limited Detent 45 N Max 全擒纵 Full Detent 68 N Max
分离力	Disengagement force	光孔 Smooth Bore 2.2 N Min 半擒纵 Limited Detent 9 N Min 全擒纵 Full Detent 22N Min
径向偏差	Radial Misalignment	±0.25mm
轴向偏差	Axial Misalignment	4° (基于界面)

环境性能 | Environmental Data

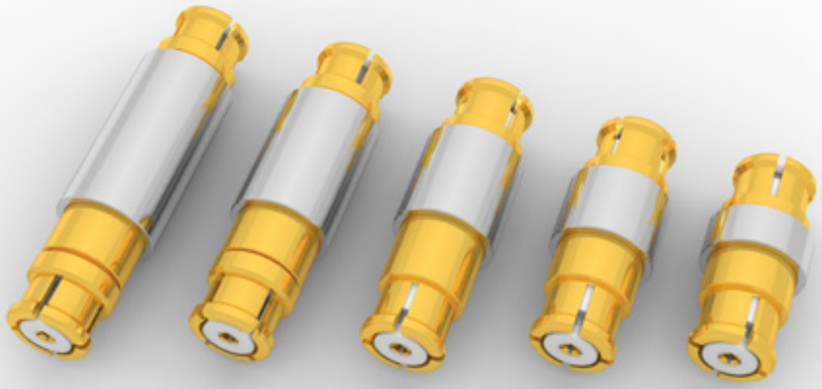
工作温度	Temperature range	-65°C - +155°C
震动	Vibration	GJB360B 方法 204
耐湿	Moisture resistance	GJB360B 方法 106
冲击	Shock	GJB360B 方法 213
温度冲击	Thermal shock	GJB360B 方法 107

材料 | Materials

外接触件	Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件	Spring loaded contact parts	铍青铜 CuBe
绝缘介质	Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆	Plating Outer Contact	金 Au
外接触件涂覆	Plating Outer Contact	金 Au

弹性连接器 Spring-loaded Connectors

双边插孔 female

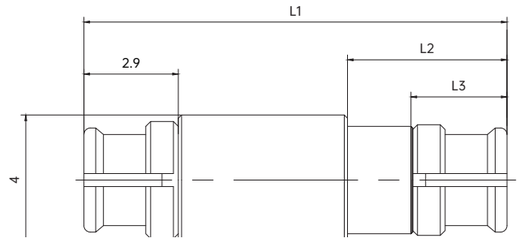


SMP-KK15520 SMP-KK13520 SMP-KK12020 SMP-KK10012 SMP-KK08510

产品型号 Model Number	L1	L2	L3	压缩量 Compression	产品型号 Model Number	L1	L2	L3	压缩量 Compression
SMP-KK08510	8.5	3.9	2.2	1	SMP-KK152	19.7	4.9	2.9	2
SMP-KK09512	9.5	4.1	2.2	1.2	SMP-KK47	20.4	4.9	2.9	2
SMP-KK10012	10	4.1	2.2	1.2	SMP-KK20520	20.5	5.1	2.9	2
SMP-KK11015	11	3.9	2.2	1.5	SMP-KK115	21	5.1	2.9	2
SMP-KK12020	12	4.9	2.2	2	SMP-KK36	21.9	4.9	2.9	2
SMP-KK13020	13	4.9	2.9	2	SMP-KK114	22.3	6.5	2.9	2
SMP-KK13520	13.5	4.9	2.9	2	SMP-KK158	22.7	5.1	2.9	2
SMP-KK14520	14.5	4.9	2.9	2	SMP-KK153	23	4.9	2.9	2
SMP-KK156-T	14.85	4.45	2.9	1.5	SMP-KK191-T1	34	5.1	2.9	1.5
SMP-KK15020	15	4.9	2.9	2	SMP-KK154	34.5	4.9	2.9	2
SMP-KK156	15.5	4.4	2.9	2	SMP-KK99T	41.5	4.9	2.9	2
SMP-KK15520	15.5	4.9	2.9	2	SMP-KK199-T	42.55	4.9	2.9	2
SMP-KK98T	19.7	4.9	2.9	2					

频率	Frequency	DC-12GHz	DC-20GHz
回波损耗	VSWR	<1.1	<1.2
插入损耗	Insert Loss	<0.15dB	<0.35dB
测试型号	Test conector	SMP-KK115	

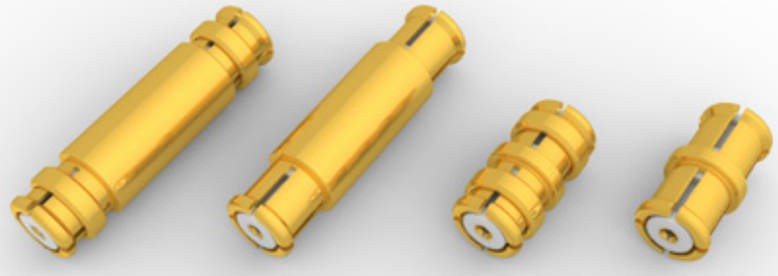
* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models



*L3=2.9 均可选配稳定环 with optional stable ring

固定连接器 Adaptors

双边插孔 female

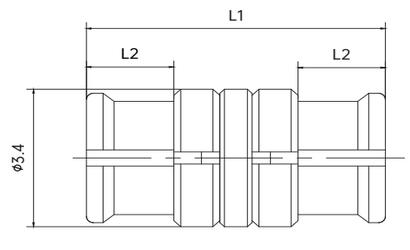


SMP-KK131 带稳定环 with stable ring
SMP-KK131
SMP-KK065 带稳定环 with stable ring
SMP-KK065

产品型号 Model Number	L1	L2	产品型号 Model Number	L1	L2	产品型号 Model Number	L1	L2
SMP-KK048	4.8	2.15	SMP-KK064	6.4	2.9	SMP-KK1501	15	2.9
SMP-KK050	5	2.25	SMP-KK11	6.5	2.9	SMP-KK0179	17.9	2.9
SMP-KK051	5.1	2.3	SMP-KK066	6.6	2.9	SMP-KK189	18.9	2.9
SMP-KK052	5.2	2.35	SMP-KK067	6.7	2.9	SMP-KK201	20.1	2.9
SMP-KK053	5.3	2.4	SMP-KK010	7.2	2.9	SMP-KK206	20.6	2.9
SMP-KK055	5.5	2.5	SMP-KK100	8	2.9	SMP-KK0225	25.5	2.9
SMP-KK054	5.4	2.45	SMP-KK090	9	2.9	SMP-KK149	25.9	2.9
SMP-KK056	5.6	2.55	SMP-KK78	12.6	2.9	SMP-KK255	28.2	2.55
SMP-KK057	5.7	2.6	SMP-KK128	12.8	2.9	SMP-KK84G	29.7	2.9
SMP-KK058	5.8	2.65	SMP-KK131	13.1	2.9	SMP-KK46	33.1	2.9
SMP-KK059	5.9	2.7	SMP-KK140	14	2.9	SMP-KK350	35	2.9
SMP-KK060	6	2.75	SMP-KK0145	14.5	2.9			
SMP-KK063	6.3	2.9	SMP-KK1481	14.8	2.9			

频率	Frequency	DC-15GHz	DC-26GHz
回波损耗	VSWR	<1.15	<1.2
插入损耗	Insert Loss	<0.25dB	<0.5dB
测试型号	Test conector	SMP-KK11	

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

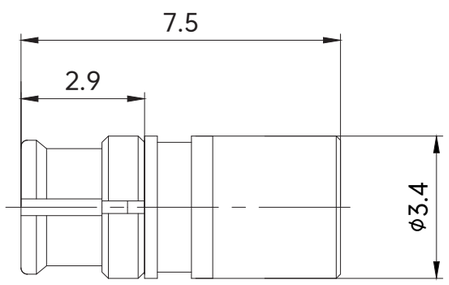


* 所有尺寸均可选配稳定环 all model with optional stable ring

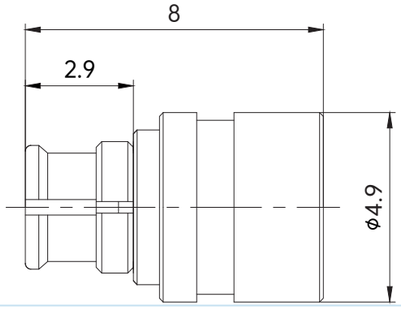
负载 Terminations

插孔 female

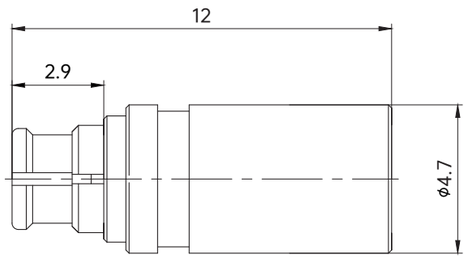
SMP-KR50
承载功率 0.2 Watt
DC-26GHz
VSWR<1.2



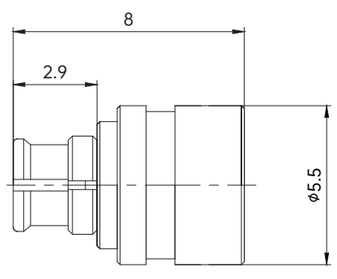
SMP-KR50-0.5W
承载功率 0.5 Watt
DC-18GHz
VSWR<1.2



SMP-KR50-1W
承载功率 1 Watt
DC-18GHz
VSWR<1.2



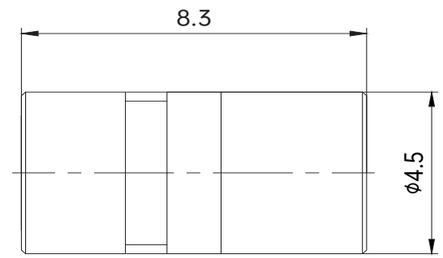
SMP-KR50T-1W
承载功率 1 Watt
DC-18GHz
VSWR<1.2



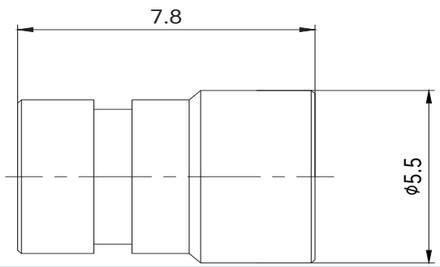
负载 Terminations

插针 male

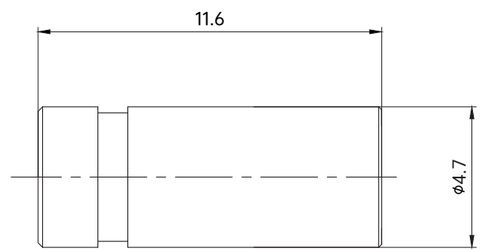
SMP-JR50
承载功率 0.2 Watt
DC-18GHz
VSWR<1.2



SMP-JR50T-1W
承载功率 1Watt
DC-18GHz
VSWR<1.2

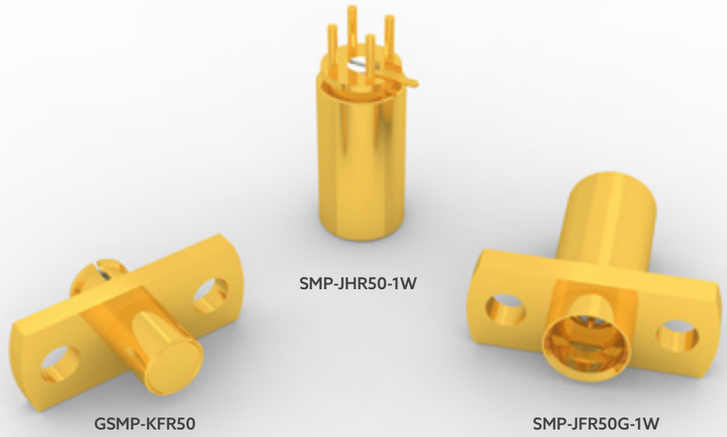


SMP-JR50-1W
承载功率 1W
DC-18GHz
VSWR<1.2

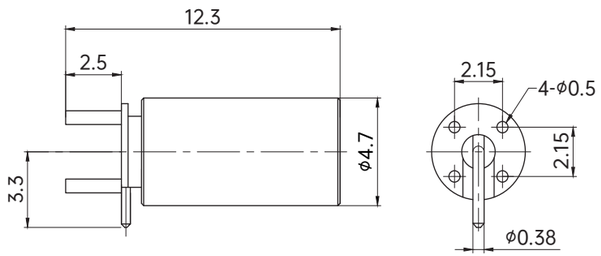


负载 Terminations

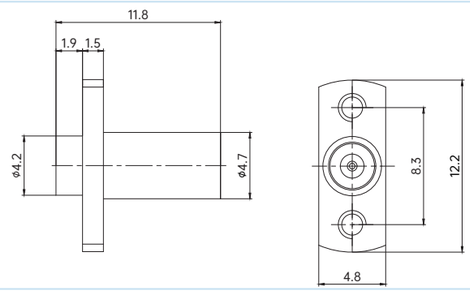
接 PCB 印制板、法兰 PCB, flange



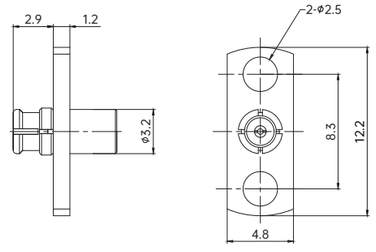
SMP-JHR50-1W
承载功率 1 W
DC-18GHz
VSWR<1.2



SMP-JFR50G-1W
承载功率 1W
DC-18GHz
VSWR<1.2

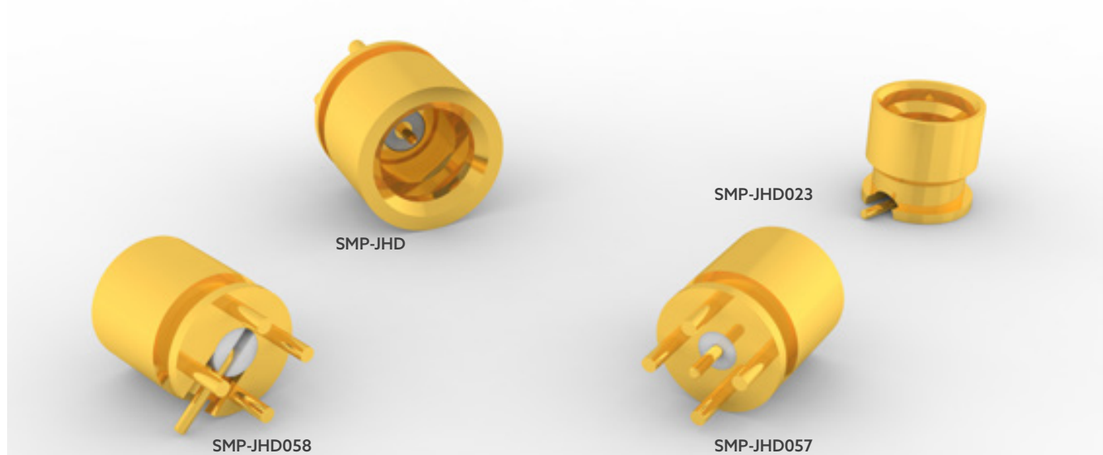


GSMP-KFR50
承载功率 0.2W
DC-26GHz
VSWR<1.2

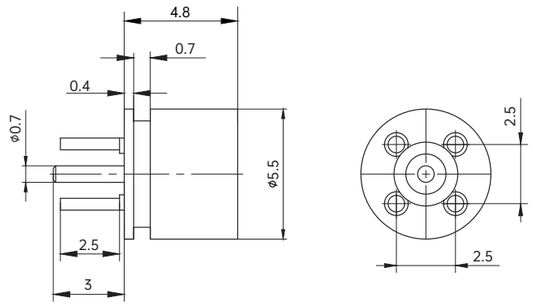


PCB 连接器 PCB Connectors

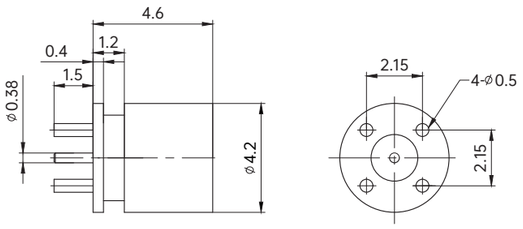
插针、可接微带 male, microstrip



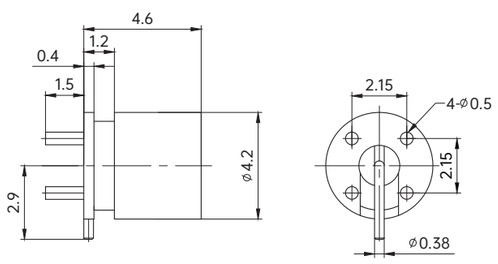
SMP-JHD-S 光孔 Smooth Bore
SMP-JHD-L 半擒纵 Limited Detent



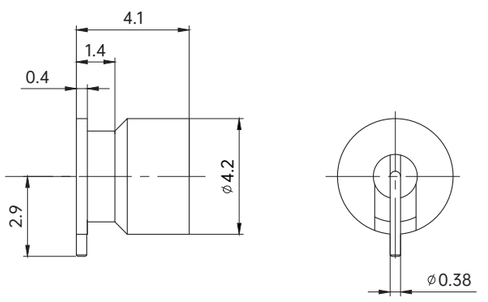
SMP-JHD057-S 光孔 Smooth Bore
SMP-JHD057-L 半擒纵 Limited Detent



SMP-JHD058-S 光孔 Smooth Bore
SMP-JHD058-L 半擒纵 Limited Detent

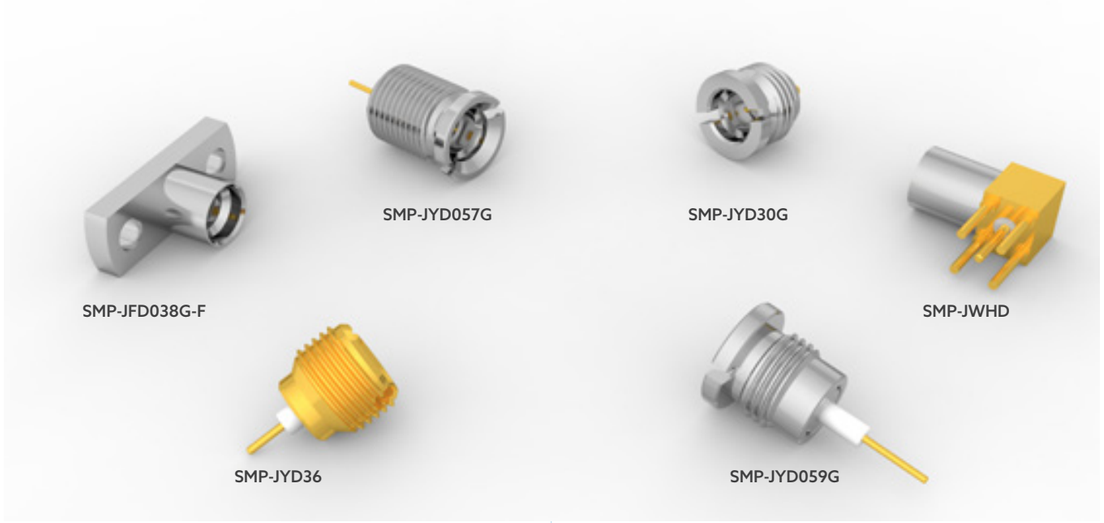


SMP-JHD023-S 表贴、光孔 Smooth Bore
SMP-JHD023-L 表贴、半擒纵 Limited Detent

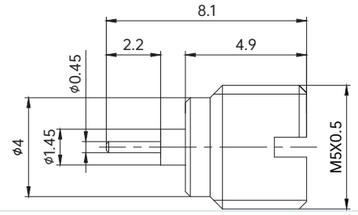


微带连接器 Microstrip Connectors

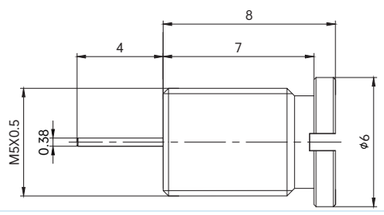
插针、可接微带 male, microstrip



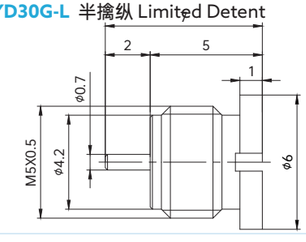
SMP-JYD36-S 光孔 Smooth Bore
SMP-JYD36-L 半擒纵 Limited Detent



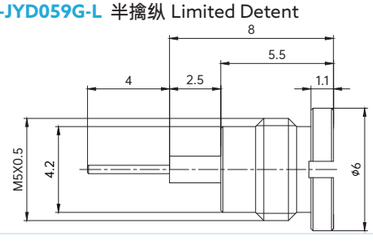
SMP-JYD057G-S 光孔 Smooth Bore
SMP-JYD057G-L 半擒纵 Limited Detent



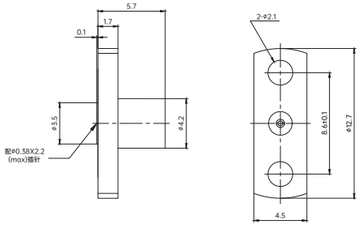
SMP-JYD30G-S 光孔 Smooth Bore
SMP-JYD30G-L 半擒纵 Limited Detent



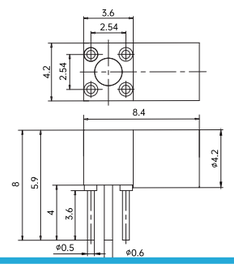
SMP-JYD059G-S 光孔 Smooth Bore
SMP-JYD059G-L 半擒纵 Limited Detent



SMP-JFD038G-F 带法兰 Flange

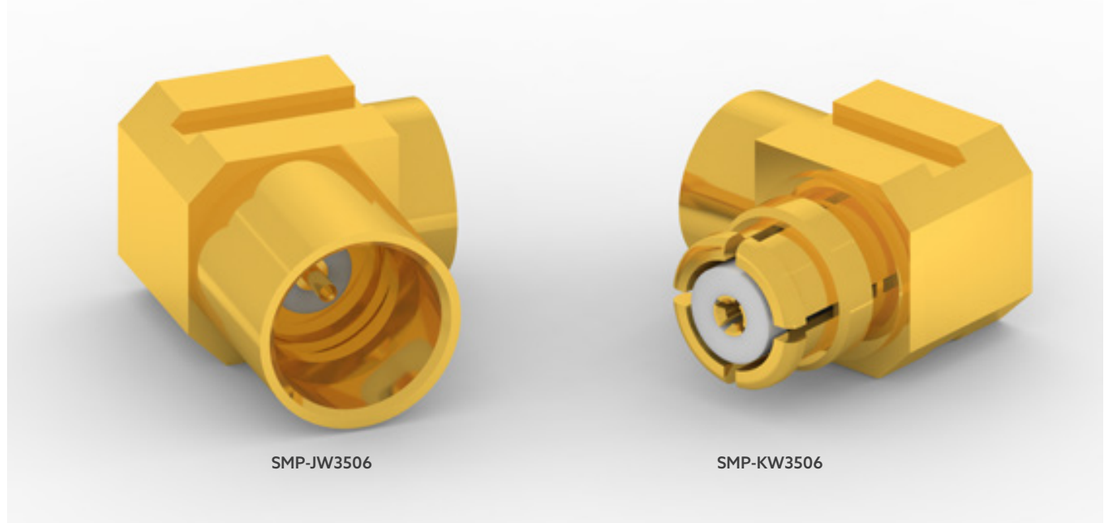


SMP-JWHD
弯头 Rignt angle

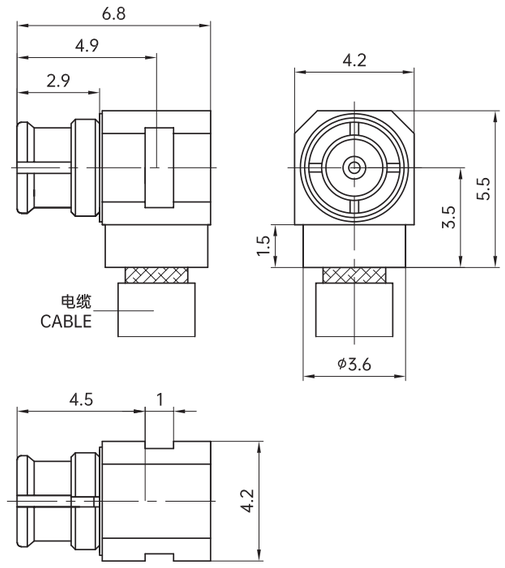


电缆连接器 Cable Connectors

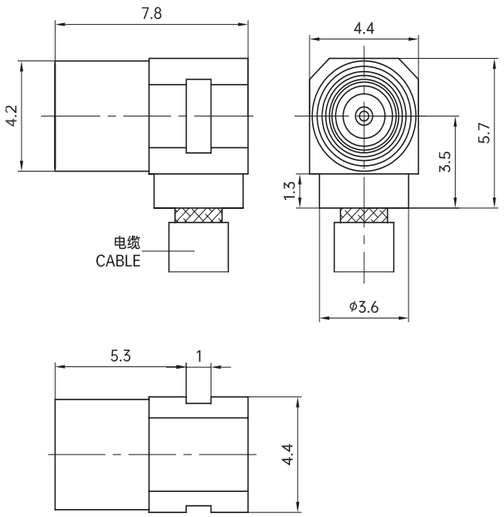
弯头 right angle



SMP-KW3506 插孔、接 3506 柔性稳相电缆
Plug, Gore CXN 3506
SMP-KWB2 插针、接 SFT-50-2-1 半钢性电缆
Plug, SFT-50-2-1

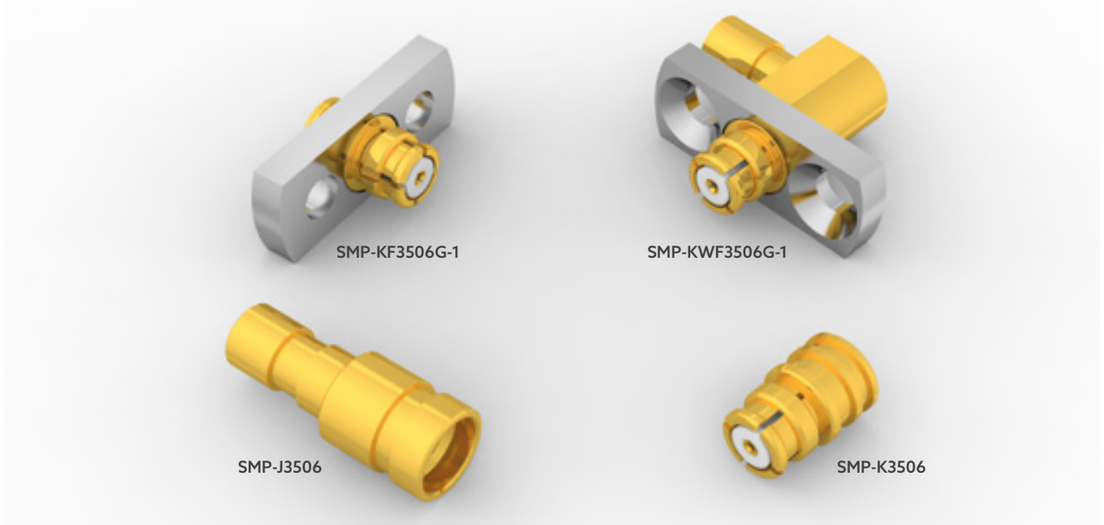


SMP-JW3506 插针、接 3506 柔性稳相电缆
Jack, Gore CXN 3506
SMP-JWB2 插针、接 SFT-50-2-1 半钢性电缆
Jack, SFT-50-2-1

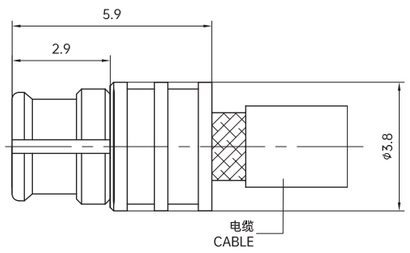


电缆连接器 Cable Connectors

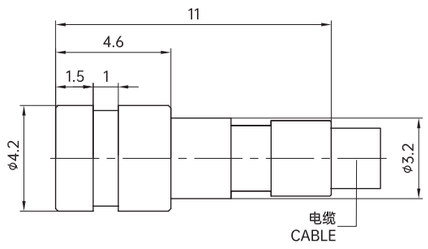
直头、弯头 straight, right angle



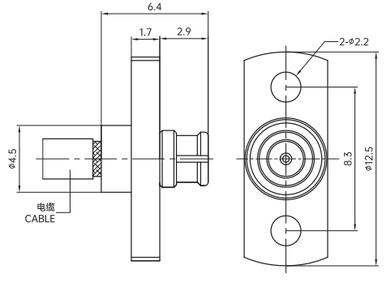
SMP-K3506 插孔、接 3506 柔性稳相电缆
Plug, Gore CXN 3506
SMP-KB2 插孔、接 SFT-50-2 半钢性电缆
Plug, SFT-50-2



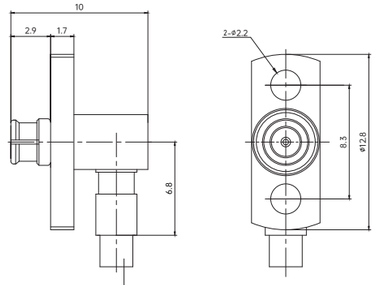
SMP-J3506 插针、接 3506 柔性稳相电缆
Jack, Gore CXN 3506
SMP-JB2 插针、接 SFT-50-2 半钢性电缆
Jack, SFT-50-2



SMP-KF3506G-1 插孔、接 3506 柔性稳相电缆
Jack, Gore CXN 3506
SMP-KFB2 插孔、接 SFT-50-2-1 半钢性电缆
Jack, SFT-50-2



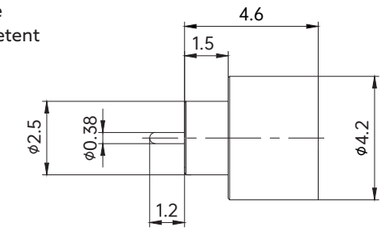
SMP-KWF3506G-1 插针、接 3506 柔性稳相电缆
Jack, Gore CXN 3506
SMP-KWFB2 插针、接 SFT-50-2 半钢性电缆
Jack, SFT-50-2



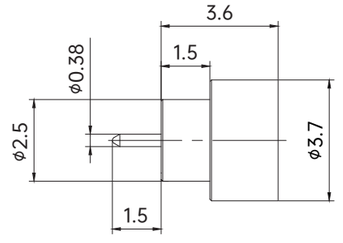
密封连接器 Glass Seal Connectors

插针、玻璃烧结介质 male, 7070 glass

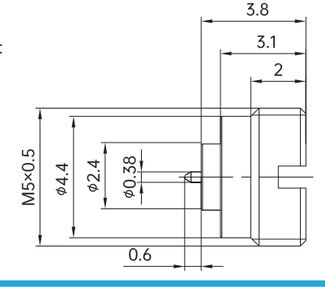
SMP-JHDM01-S 光孔 Smooth Bore
SMP-JHDM01-L 半擒纵 Limited Detent



SMP-JHDM03-L 半擒纵 Smooth Bore
SMP-JHDM03-S 光孔 Limited Detent



SMP-JYHDM06-S 光孔 Smooth Bore
SMP-JYHDM06-L 半擒纵 Limited Detent



SSMP 系列

SSMP 是一超小型同轴射频连接器，具有体积小、重量轻、频带宽、连接可靠等优点，最高工作频率可达到 50 GHz。主要应用于高密度信号传输，SSMP 提供全纵擒和光孔两种结构。

- 全擒纵：最大连接保持力
- 光孔：最小保持力

SSMP 耐用的结构和轴径向容差特点，其高性能和盲插特性，广泛的运用在需要多点盲插的互联解决方案中。连接器界面符合 MIL-STD-348B 标准。

本手册仅展示部分 SSMP 产品，形状、尺寸、材料可根据用户需求定制。

SSMP is an ultra-small coaxial RF connector with advantages such as small size,lightweight, wide bandwidth, and reliable connection. It can operate at a maximum frequency of up to 50 GHz. It is mainly used for high-density signal transmission, and SSMP offers two structures:

- Limited Detent: Medium retention force
- Smooth bore: Minimum retention force.

The durable structure and axial tolerance features of SSMP, along with its high performance and blind insertion characteristics, make it widely used in interconnection solutions that require multi-point blind insertion. The connector interface complies with the MIL-STD-348B standard.

This manual only displays a portion of the SSMP products; shape, size, and material can be customized according to user requirements.

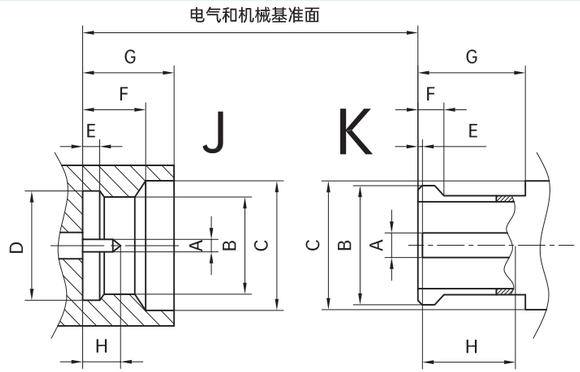
功能 Features

- 最高工作频率 50GHz Frequency range up to 50Ghz
- 小型轻量级连接器 Extremly small dimensions
- 高密度盲插拔 hig- density Blind-mating

产品范围 Product Rang

- 电缆连接器 Cable Assembly
- PCB 印制板连接器 PCB Connector
- 模块间连接器 Panel Connector

连接器界面尺寸 Interface Dimensions



	J 插针 Male				K 插孔 Female	
	光孔 Smooth bore		擒纵 Full Detent			
	最小 min.	最大 max.	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.29(.0115)	Φ 0.32(.0125)	Φ 0.29(.0115)	Φ 0.32(.0125)	可插入直径 0.305±0.013 的插针 (2	
B	Φ 2.18(.086)	Φ 2.24(.088)	Φ 2.11(0.83)	Φ 2.16(0.85)	-	Φ 2.41(0.095)
C	Φ 2.82(.111)	Φ 2.92(.115)	Φ 2.82(.111)	Φ 2.92(.115)	-	Φ 2.79(.110)
D	-	-	Φ 2.18(0.86)	Φ 2.24(.088)	-	-
E	-	-	0.53(.021)	0.58(.023)	000	0.2(0.008)
F	1.57(.062)	1.83(.072)	1.57(.062)	1.83(.072)	-	0.58(0.023)
G	2.08(.082)	2.13(.084)	2.08(.082)	2.13(.084)	1.83(.072)	-
H	0.76(.030)	1.14(.045)	0.76(.030)	1.14(.045)	1.27(.05)	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 328

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-50GHz
电压驻波比 | VSWR	≤1.03+0.006x f (GHz)
插损 | Insertion loss	≤ 0.06 dB x √f (GHz) [dB]
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤6 mΩ
外导体接触电阻 | Outer contact resistance	≤2 mΩ
测试电压 | Test voltage	500 V
工作电压 | Working voltage	335 V
接触电流 | Contact current	1.2 A DC Max

机械性能 | Mechanical Data	
插拔次数 | Mating cycle	光孔 Smooth Bore: > 500 半擒纵 Limited Detent: > 250
啮合力 | Engagement force	光孔 Smooth Bore 9 N Max 半擒纵 Limited Detent 45 N Max
分离力 | Disengagement force	光孔 Smooth Bore 2.2 N Min 半擒纵 Limited Detent 9 N Min
径向偏差 | Radial Misalignment	±0.1mm
轴向偏差 | Axial Misalignment	4° (基于界面)

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

弹性连接器 Spring-loaded Connectors

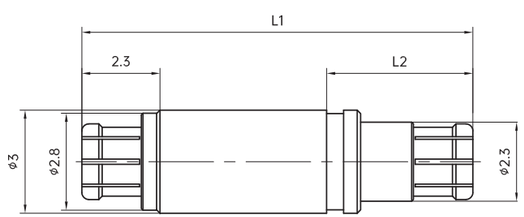
双边插孔 female

SSMP-KK20025 SSMP-KK16022 SSMP-KK12513 SSMP-KK09507

产品型号 Model Number	L1	L2	压缩量 Compression	产品型号 Model Number	L1	L2	压缩量 Compression
SSMP-KK09507	9.5	3	0.7	SSMP-KK15020	15	4.3	2
SSMP-KK10008	10	3.1	0.8	SSMP-KK15322	15.3	5.2	2.2
SSMP-KK10510	10.5	3.3	1	SSMP-KK16022	16	4.5	2.2
SSMP-KK11510	11.5	3.3	1	SSMP-KK17025	17	4.8	2.5
SSMP-KK12513	12.5	3.6	1.3	SSMP-KK18025	18	4.8	2.5
SSMP-KK13015	13	3.8	1.5	SSMP-KK19025	19	4.8	2.5
SSMP-KK13515	13.5	3.8	1.5	SSMP-KK20025	20	4.8	2.5

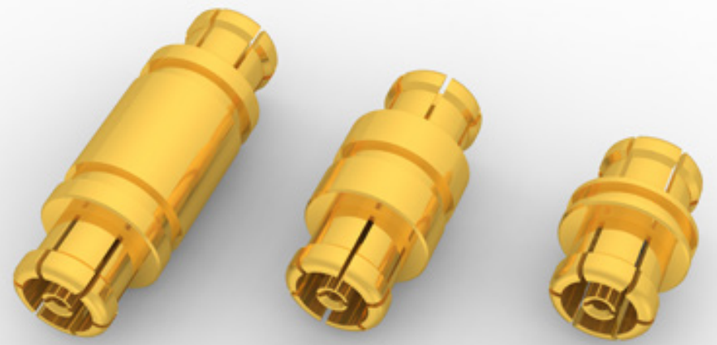
频率	Frequency	DC-12GHz	DC-35GHz
回波损耗	VSWR	<1.2	<1.3
插入损耗	Insert Loss	<0.25dB	<0.5dB
测试型号	Test conector	SSMP-KK12513	

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models



固定连接器 Adaptors

双边插孔 female

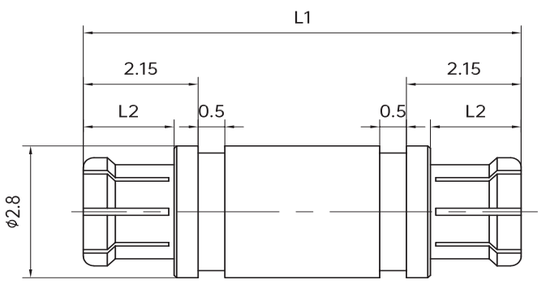


SSMP-KK082 SSMP-KK059 SSMP-KK040

产品型号 Model Number	长度 Legth	插入深度 Insert Depth	产品型号 Model Number	长度 Legth	插入深度 Insert Depth
SSMP-KK040	L1=4	L2=1.6	SSMP-KK079	L1=7.9	L2=1.7
SSMP-KK043	L1=4.3	L2=1.7	SSMP-KK082	L1=8.2	L2=1.7
SSMP-KK045	L1=4.5	L2=1.7	SSMP-KK0841	L1=8.4	L2=2.1
SSMP-KK047	L1=4.7	L2=1.7	SSMP-KK088	L1=8.8	L2=2.1
SSMP-KK048	L1=4.8	L2=1.7	SSMP-KK104	L1=10.4	L2=2.25
SSMP-KK0481	L1=4.8	L2=2.1	SSMP-KK117	L1=11.7	L2=1.7
SSMP-KK050	L1=5	L2=1.7	SSMP-KK1201	L1=12	L2=1.7
SSMP-KK052	L1=5.2	L2=1.7	SSMP-KK165	L1=16.5	L2=1.7
SSMP-KK059	L1=5.9	L2=1.7	SSMP-KK294	L1=29.4	L2=1.7
SSMP-KK077	L1=7.7	L2=1.7	SSMP-KK425	L1=42.5	L2=1.7

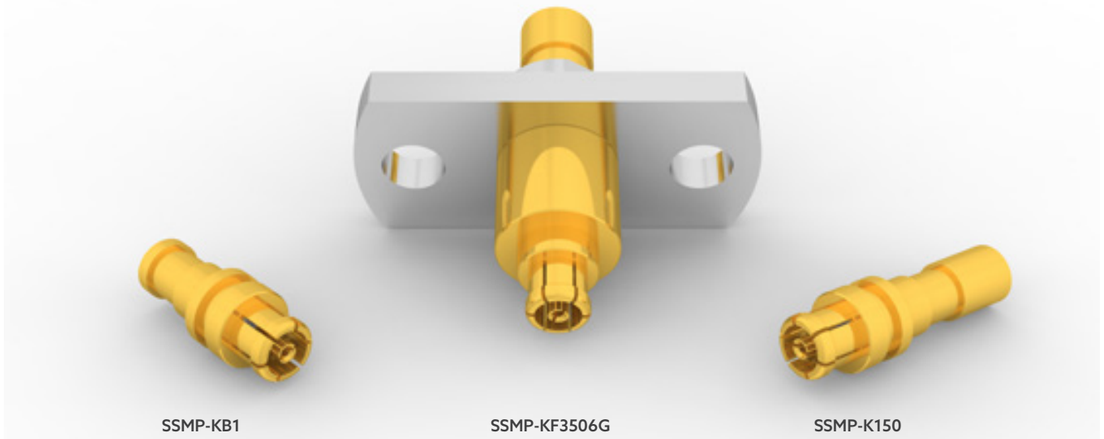
频率	Frequency	DC-30GHz	DC-35GHz
回波损耗	VSWR	<1.2	<1.3
插入损耗	Insert Loss	<0.3dB	<0.4dB
测试型号	Test conector	SMP-KK047	

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models



电缆连接器 Cable Connectors

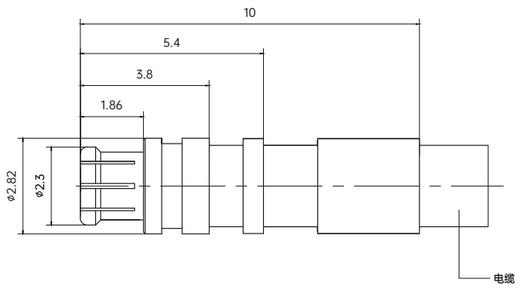
插孔、直头、法兰 female, straight, flange



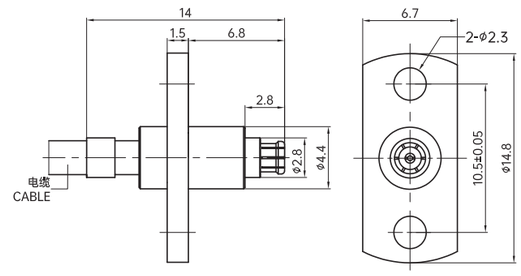
SSMP-K150 接 150 柔性稳相电缆
IW 0471

SSMP-KB1 接 SFT-50-B1 半钢性电缆
SFT-50-B1

SSMP-K3506 接 3506 柔性稳相电缆
Gore CXN 3506

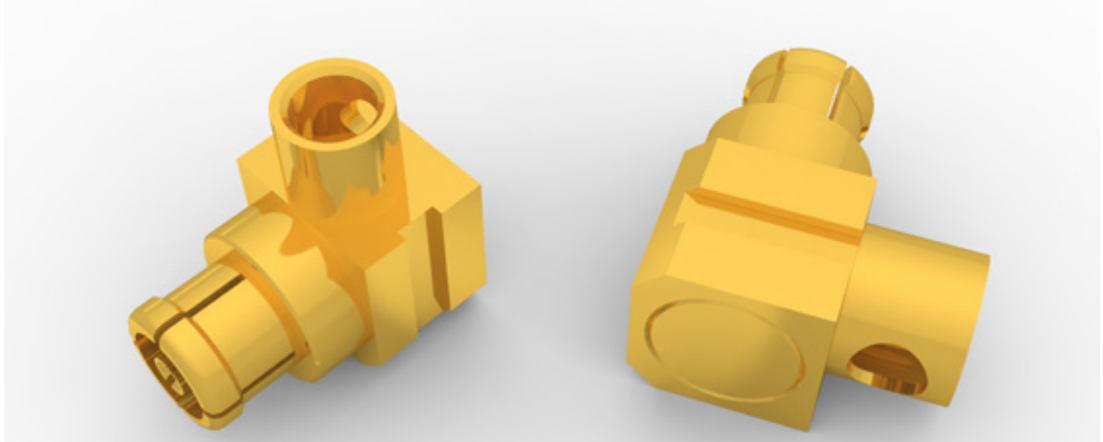


SSMP-KF3506G 接 3506 柔性稳相电缆
Gore CXN 3506



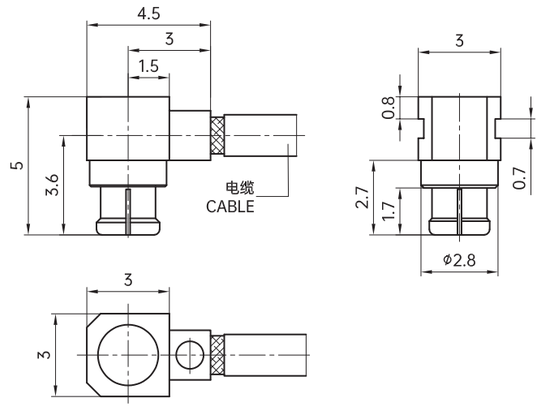
电缆连接器 Cable Connectors

插孔、弯头 female, right angle

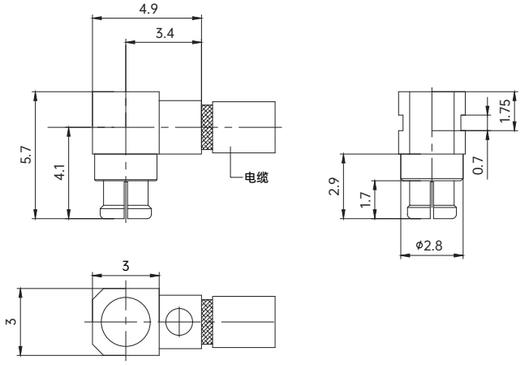


SSMP-KW150 150 柔性稳相电缆
IW 0471

SSMP-KWB1 接 SFT-50-2-1 半刚性电缆
SFT-50-2



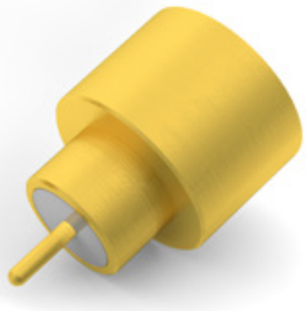
SSMP-KW3506 接 3506 柔性稳相电缆
Gore CXN 3506



密封连接器 Glass Seal Connectors

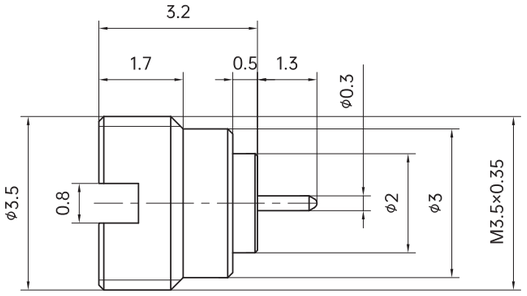
插针、玻璃烧结介质 male, 7070 glass

SSMP-JYDM01

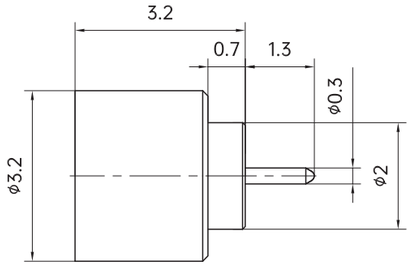


SSMP-JHDM01

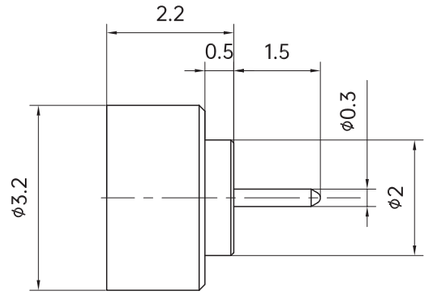
SSMP-JYDM01-L 半擒纵 Limited Detent
SSMP-JYDM01-S 光孔 Smooth Bore



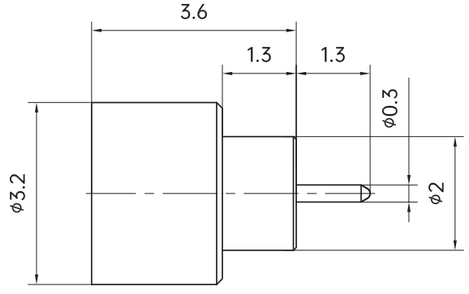
SSMP-JHDM01-L 半擒纵 Limited Detent
SSMP-JHDM01-S 光孔 Smooth Bore



SSMP-JHDM02-L 半擒纵 Limited Detent
SSMP-JHDM02-S 光孔 Smooth Bore

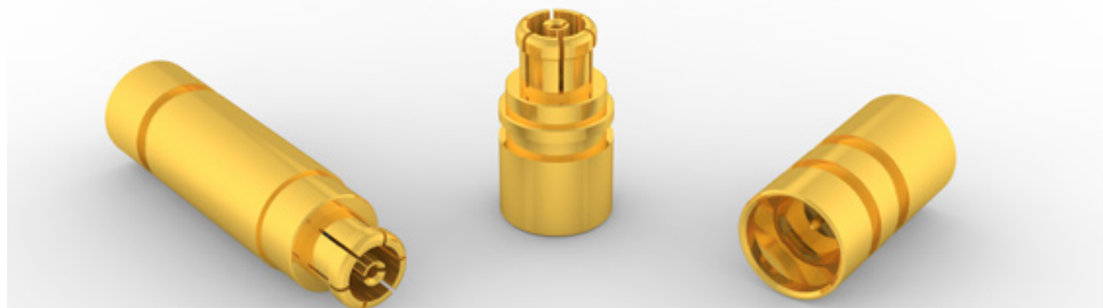


SSMP-JHDM03-L 半擒纵 Limited Detent
SSMP-JHDM03-S 光孔 Smooth Bore



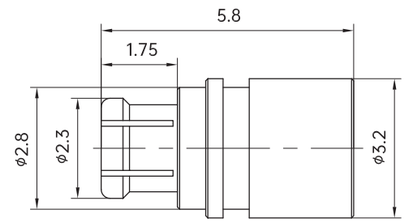
负载 Terminations

插针、插孔 male, female

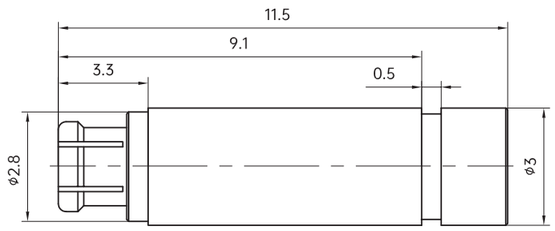


SSMP-KR50-0.5W　　SSMP-KR50　　SSMP-JR50

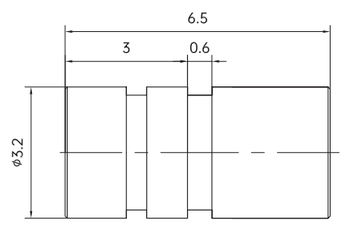
SSMP-KR50
承载功率 **0.2W**
DC-50GHz
VSWR<1.35



SSMP-KR50-0.5W
承载功率 **0.5W**
DC-40GHz
VSWR<1.35

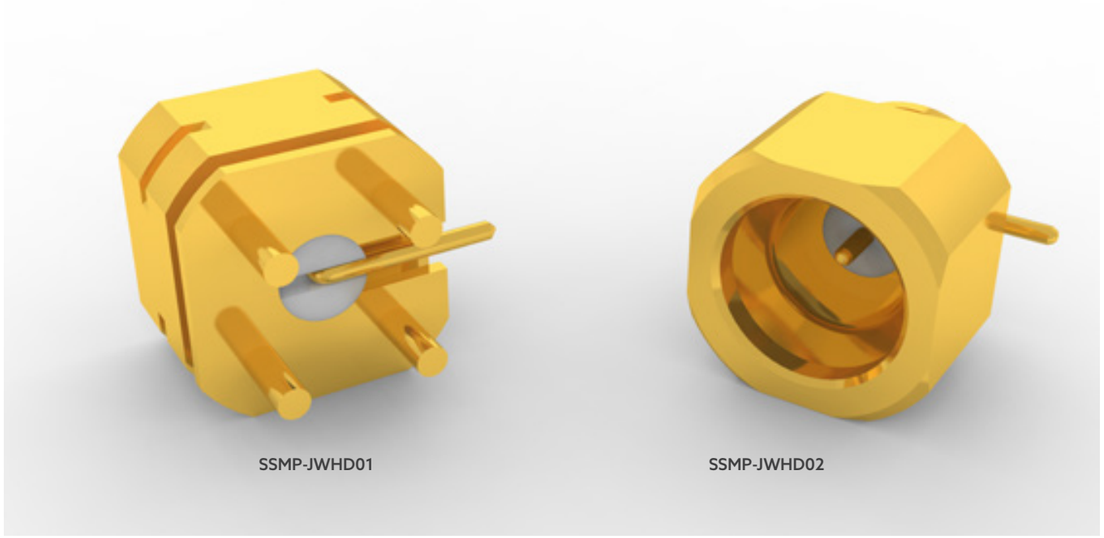


SSMP-JR50
承载功率 **0.2W**
DC-50GHz
VSWR<1.35



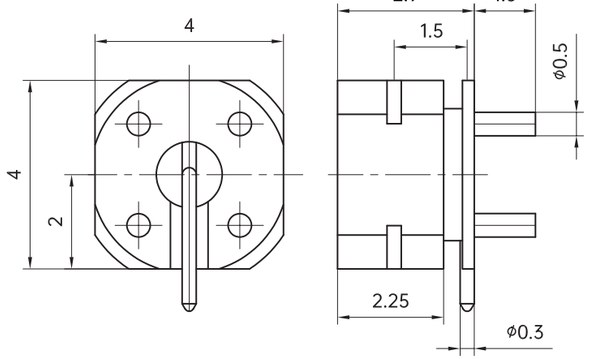
微带连接器 Microstrip Connectors

插针、可接微带 male, PCB

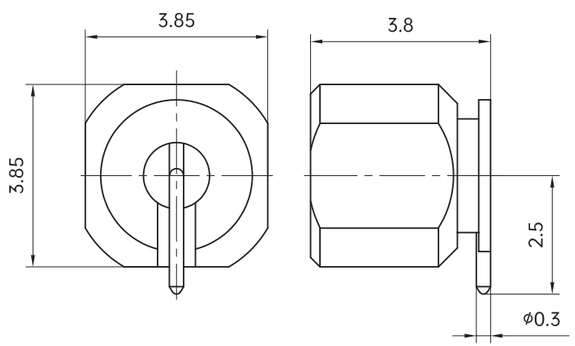


SSMP-JWHD01　　SSMP-JWHD02

SSMP-JWHD01



SSMP-JWHD02 表贴 SMT



SMA 系列

SMA 连接器具有高耐用、机械结构稳定和使用寿命长并且兼具低 VSWR。主要用于微波系统传输系统中可分离的射频信号连接包括滤波器，衰减器，混频器和震荡器等。

SMA 具有带螺纹的外部链接口，该接口具有六边形形状，可用特殊的扭矩扳手将其拧到正确的密封性，从而可以在不过度拧紧的情况下实现良好的连接。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 SMA 产品，形状、尺寸、材料可根据用户需求定制。

The SMA connector is highly durable, has a stable mechanical structure, and boasts a long lifespan, along with a low VSWR. It is mainly used for detachable RF signal connections in microwave transmission systems, including filters, attenuators, mixers, and oscillators, among others.

SMA features an external threaded connection interface, which has a hexagonal shape. It can be screwed to the right sealing tightness using a special torque wrench, ensuring a good connection without over-tightening. The connector interface complies with the MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the SMA products; shape, size, and material can be customized according to user requirements.

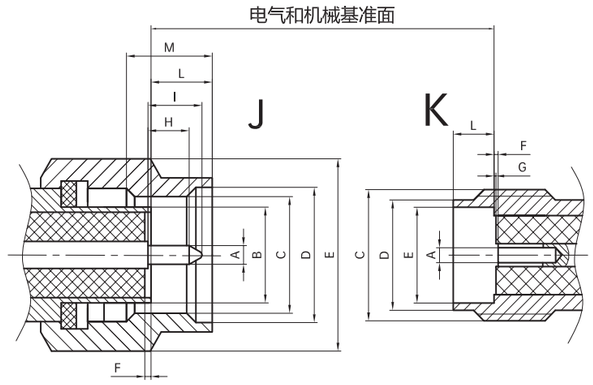
功能 Features

- 最高工作频率 18GHz Frequency range up to 18Ghz
- 特性抗阻 50Ω impedance of 50Ω
- 螺纹连接 Threaded connection

产品范围 Product Rang

- 密封性连接 Sealed connections
- PCB 印制板连接器 PCB Connector
- 卫星 Satellites

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.9(.0355)	Φ 0.94(.0370)	可插入直径 0.90~0.94(.0355~.0370) 的插针 *(2	
B	-	Φ 4.59(.1808)	-	-
C	1/4-36 UNS-2B		1/4-36 UNS-2A	
D	Φ 6.48(.255)	-	Φ 5.28(.208)	Φ 5.49(.216)
E	六角螺母 , 对边宽 7.85~8 Hex Net, Across Flats 7.85~8		4.60(.1810)	-
F	-	0.00	0.00	0.25(.010)
G	-	-	-	0.00
H	1.27(.050)	-	-	-
I	-	2.54(.100)	-	-
L		3.43(.135)	1.88(.074)	1.98(.078)
M	3.30(.130)			

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Spec

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 310 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-18GHz
电压驻波比 | VSWR	≤1.02+0.015 x f (GHz)
插损 | Insertion loss	≤ 0.05 dB x √f (GHz) [dB]
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤3 mΩ
外导体接触电阻 | Outer contact resistance	≤2 mΩ
测试电压 | Test voltage	1000 V
工作电压 | Working voltage	480 V

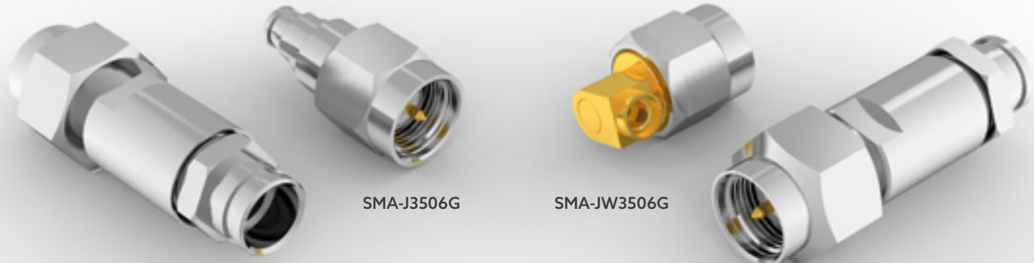
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次
最大连接扭矩 | Maximum coupling torque	1.7 Nm
建议连接扭矩 | Recommended coupling torque	0.8-1.1 Nm

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

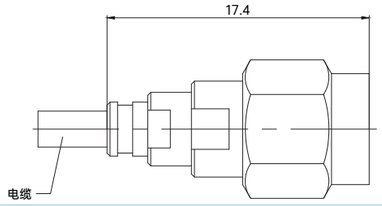
材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

电缆连接器 Cable Connectors

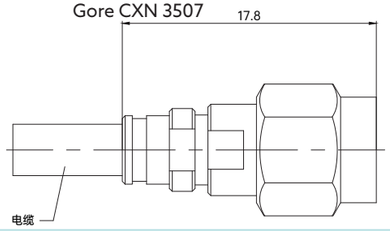
插针、直头、弯头 male, straight, right angle



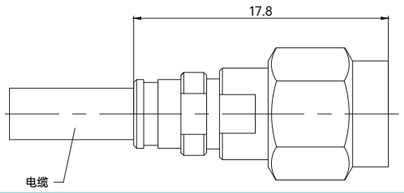
SMA-J3506G 接 3506 柔性稳相电缆
Gore CXN 3506



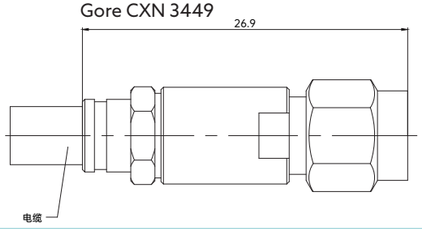
SMA-J3507G 接 3507 柔性稳相电缆
Gore CXN 3507



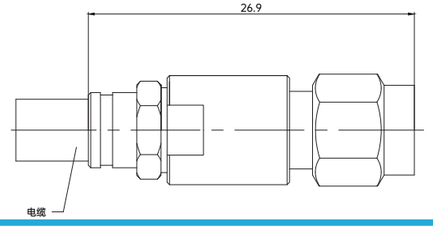
SMA-J360G 接 360 柔性稳相电缆
IW 1406



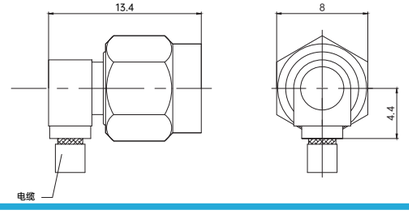
SMA-J3449G 接 3449 柔性稳相电缆
Gore CXN 3449



SMA-J450G 接 450 柔性稳相电缆
Mirco-Coax UFB197C



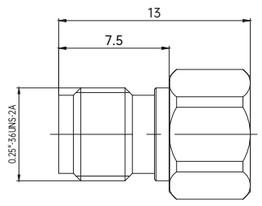
SMA-JW3506G 接 3506 柔性稳相电缆 Gore CNX 3506
SMA-JWB2 接 SFT-50-2-1 半钢性电缆 SFT-50-2-1



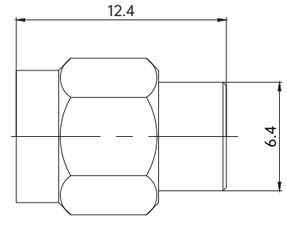
负载 Terminations

插针、插孔 male, female

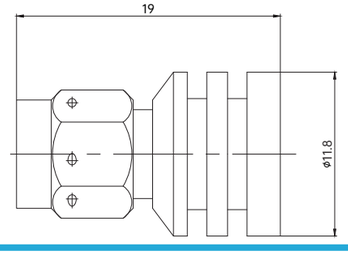
SMA-KR50G
承载功率 **0.2W**
DC-18GHz
VSWR<1.2



SMA-JR50G
承载功率 **0.2W**
DC-18GHz
VSWR<1.2



SMA-50JCR-2W-T
承载功率 **2W**
DC-18GHz
VSWR<1.2



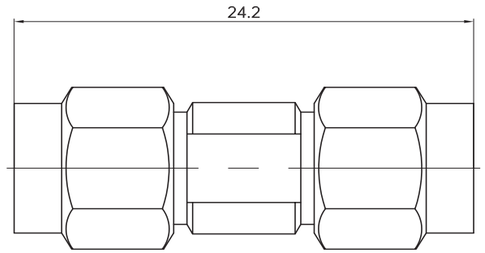
转接器 Adaptors

SMA 转 SMA SMA/SMA

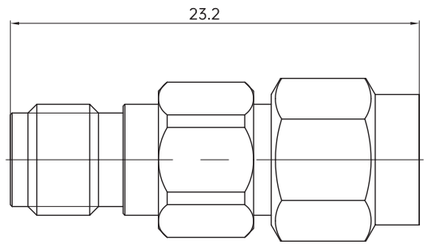
SMA-KFKG

SMA-JKG

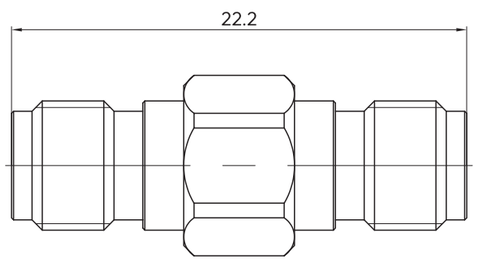
SMA-JJG



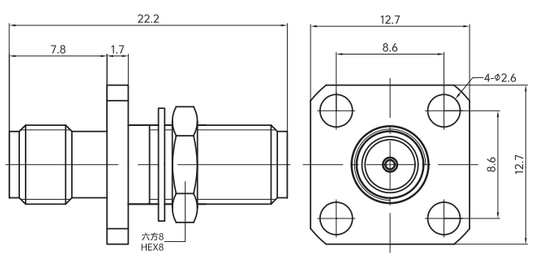
SMA-JKG



SMA-KKG



SMA-KFKG 法兰 flange



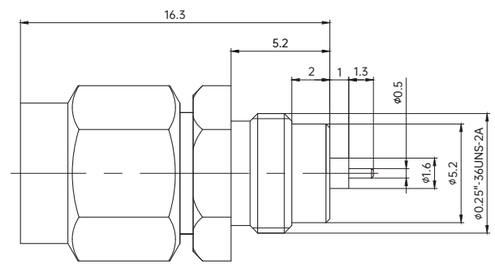
微带连接器 Microstrip Connectors

插针、插孔 male,female

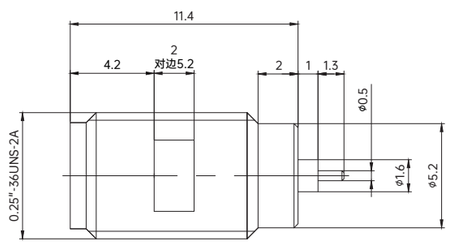
SMA-JYD27G

SMA-KYD27G

SMA-JYD27G

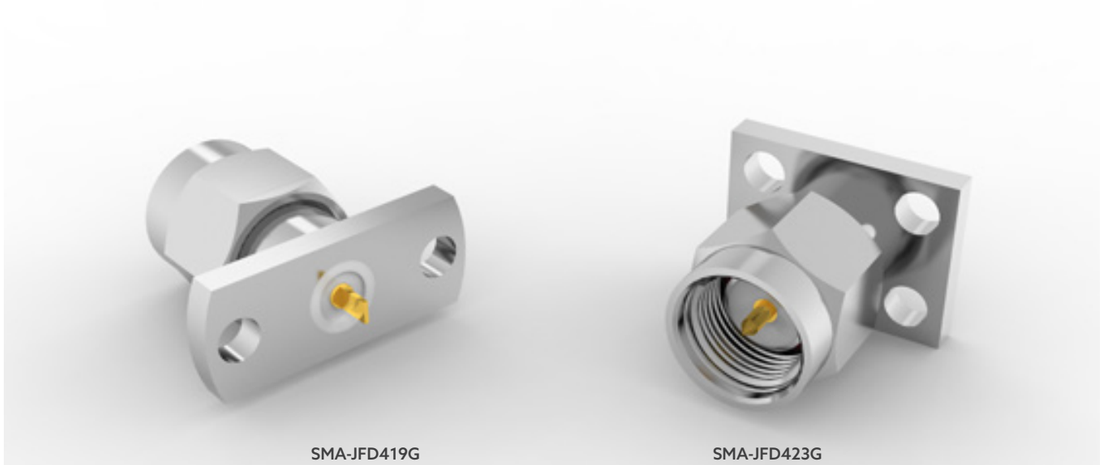


SMA-KYD27G



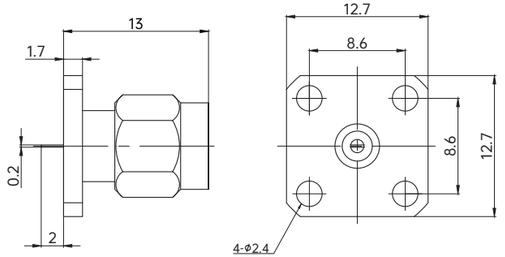
带线连接器 Microstrip Connectors

插针 female

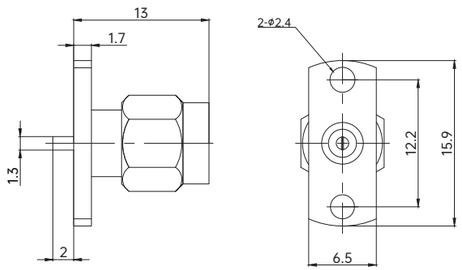


SMA-JFD419G　　SMA-JFD423G

SMA-JFD413G



SMA-JFD419G



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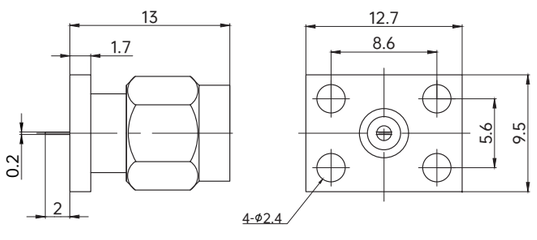

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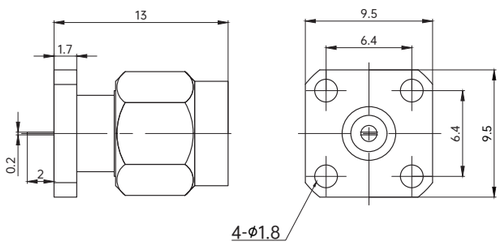
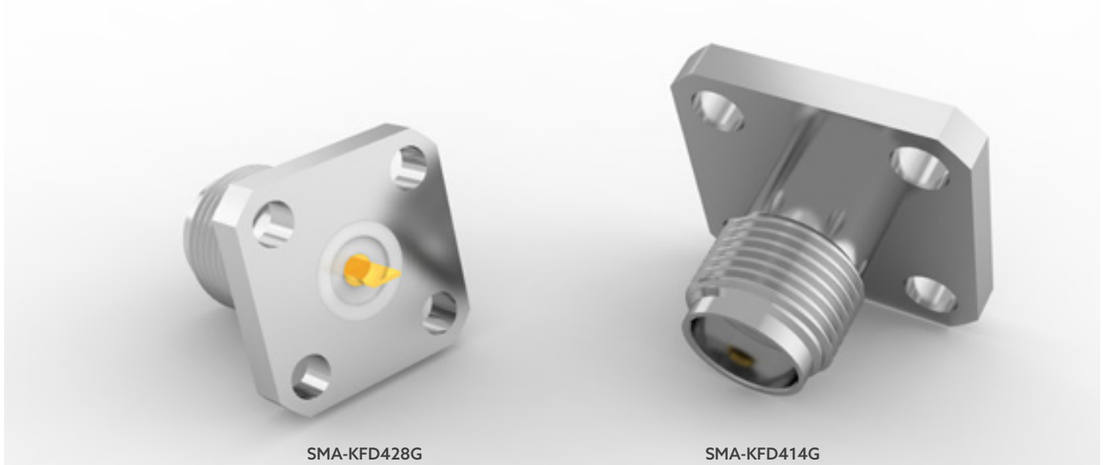


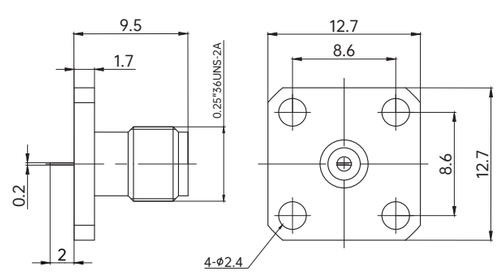
带线连接器 Microstrip Connectors

插孔 male



SMA-KFD428G　　SMA-KFD414G

SMA-KFD414G



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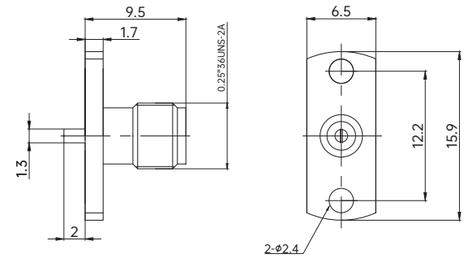

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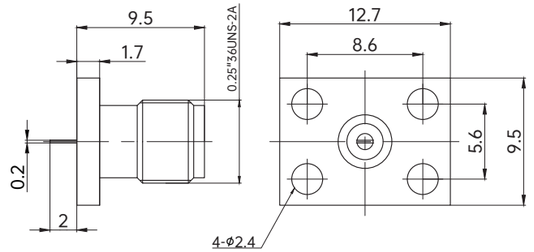

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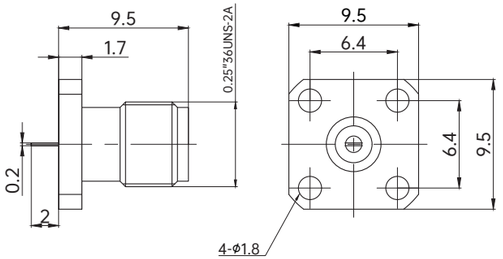
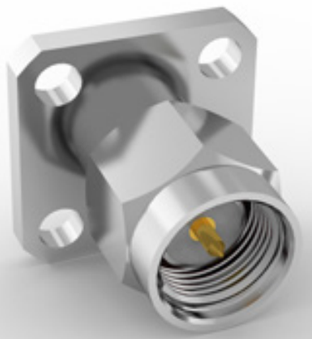


带线连接器 Microstrip Connectors

插针、带台阶 male, flange



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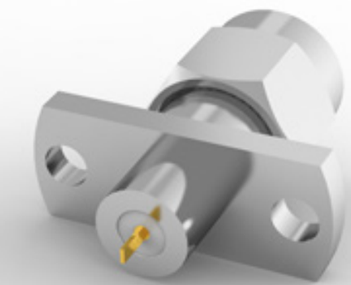
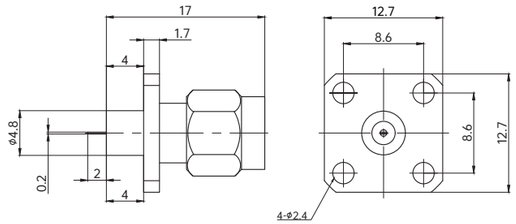


SMA-JFD439G

SMA-JFD429G



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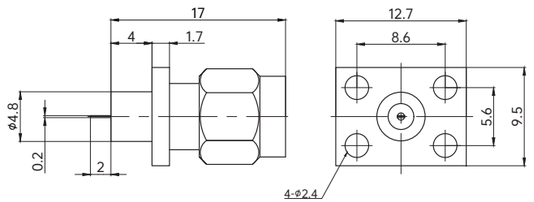

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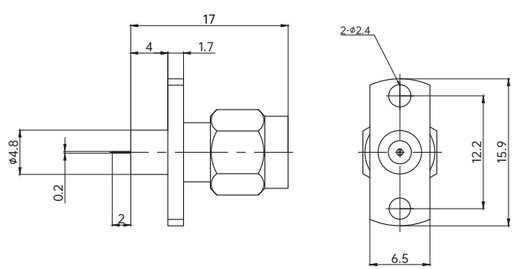

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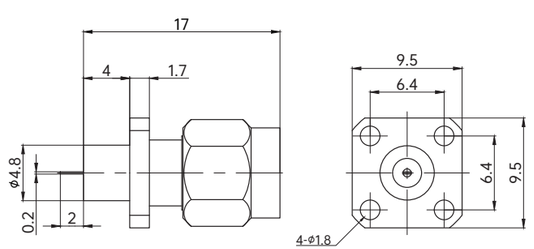
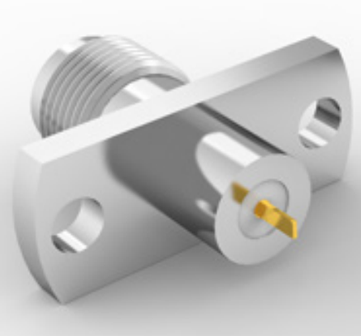


带线连接器 Microstrip Connectors

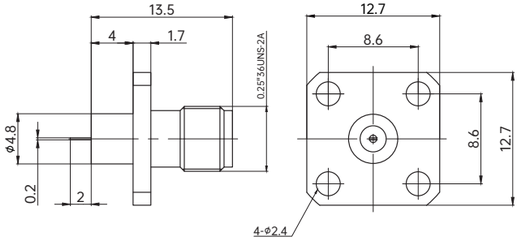
插孔、带台阶 female, flange



SMA-KFD441G

SMA-KFD444G

SMA-KFD430G



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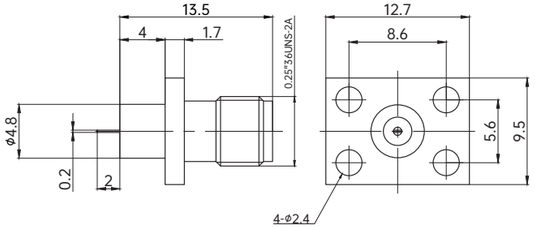

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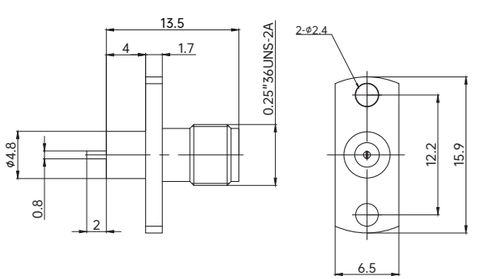

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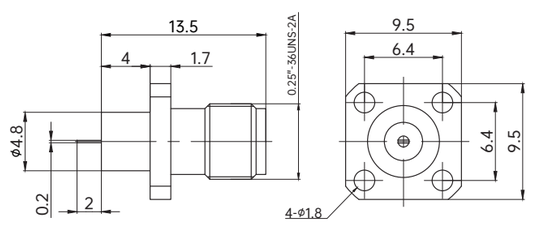
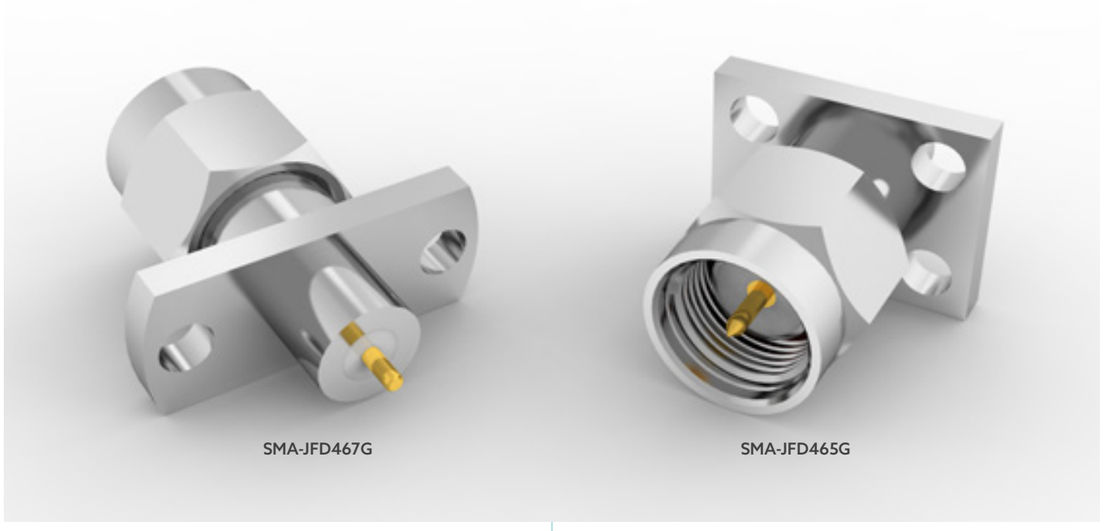


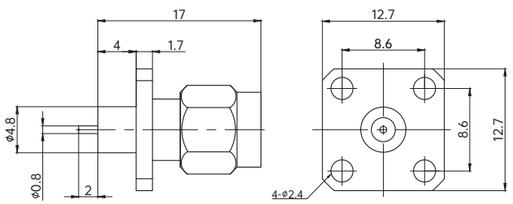
微带连接器 Microstrip Connectors

插针、带台阶 male, flange



SMA-JFD467G　　SMA-JFD465G

SMA-JFD461G



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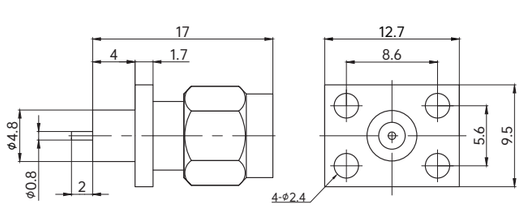

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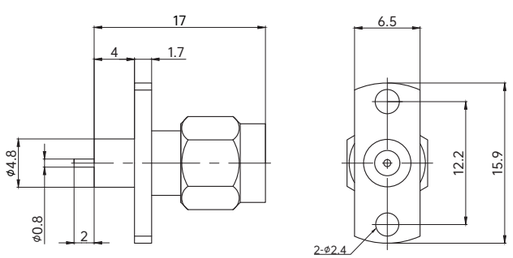
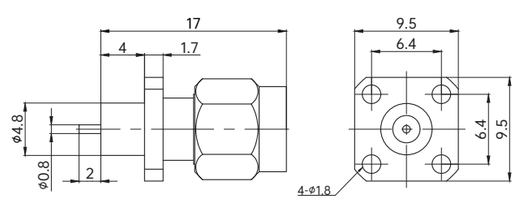
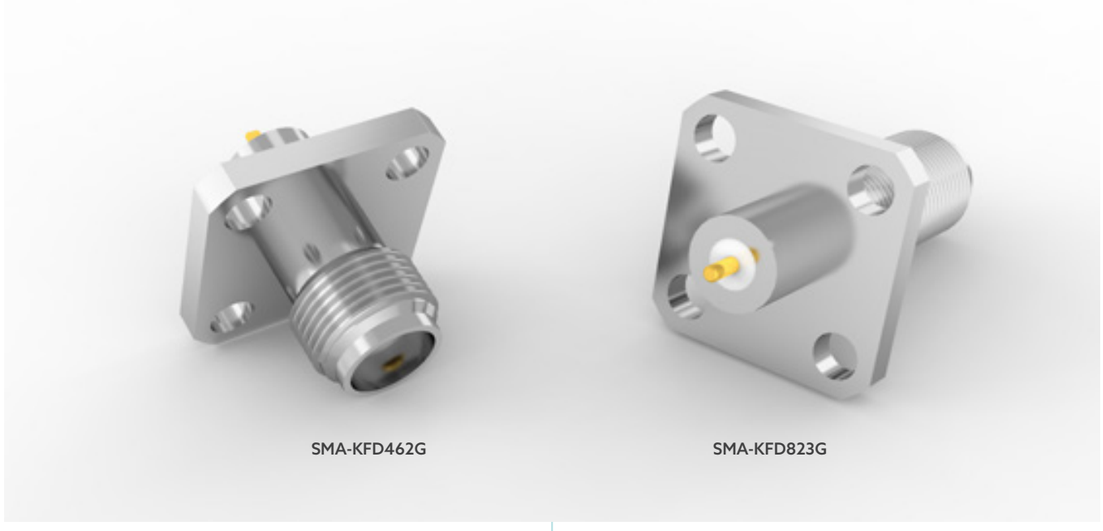


SMA-JFD469G



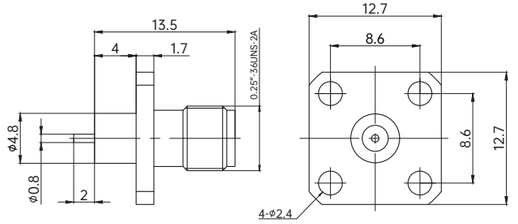
微带连接器 Microstrip Connectors

插孔、带台阶 female, flange



SMA-KFD462G　　SMA-KFD823G

SMA-KFD462G



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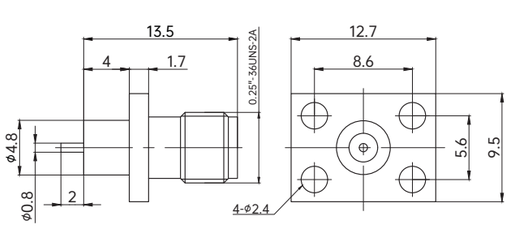

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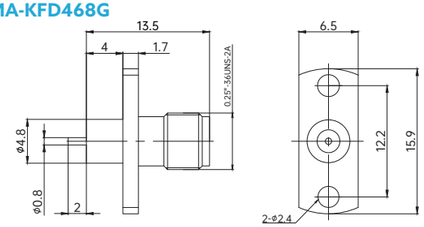

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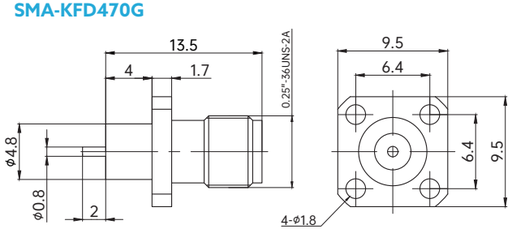

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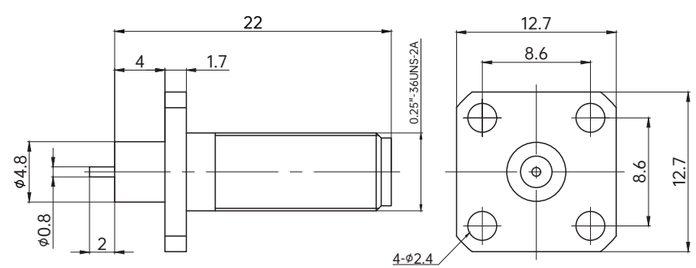
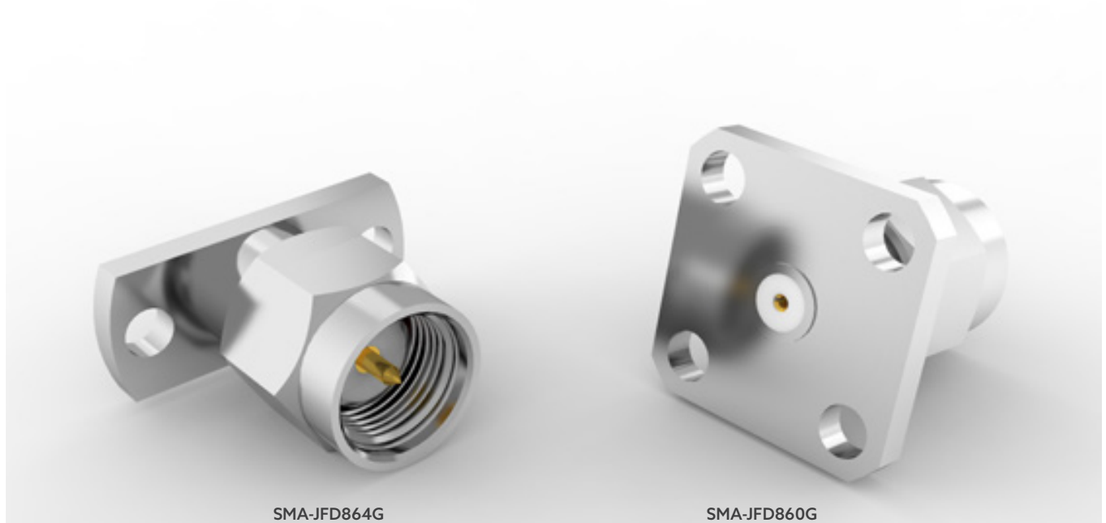


可拆卸连接器 Panel Connector

插针 male



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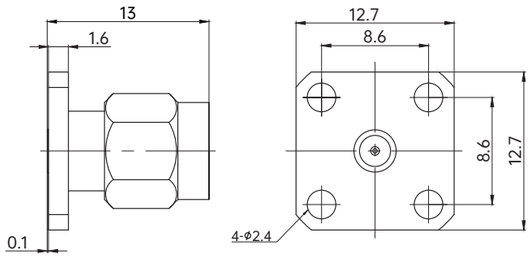
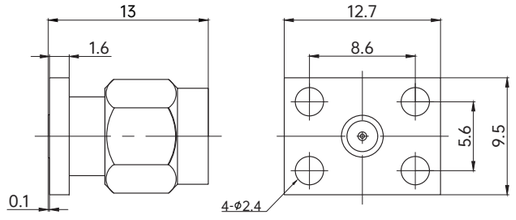


SMA-JFD862G



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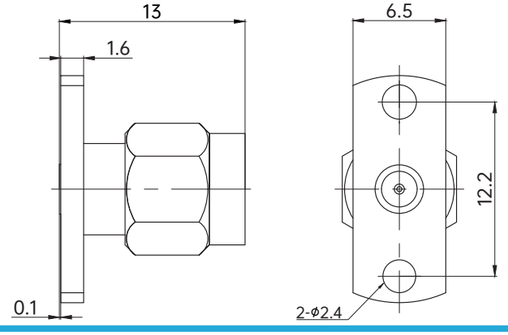
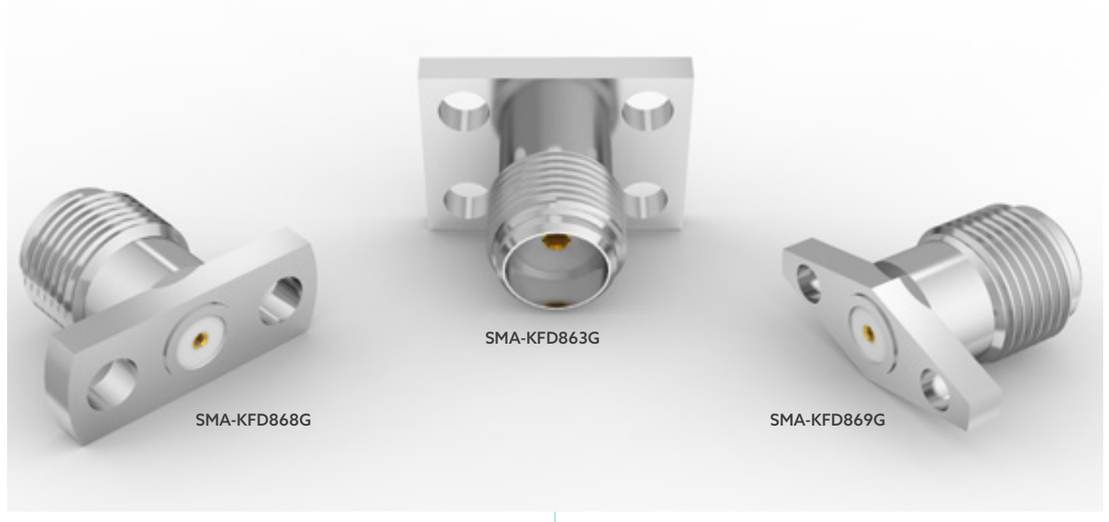
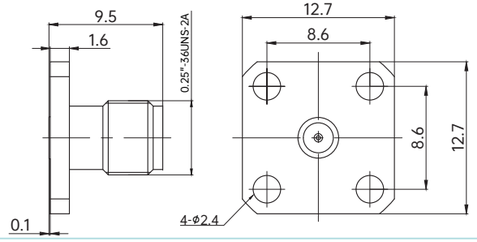


可拆卸连接器 Panel Connector

插孔 female



SMA-KFD861G



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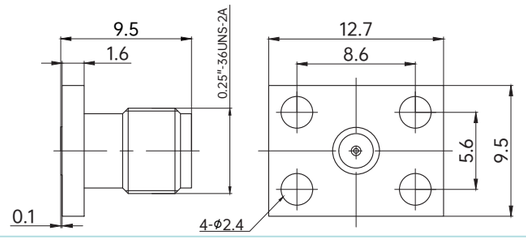

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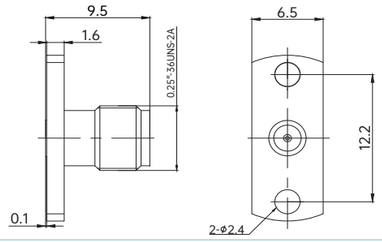
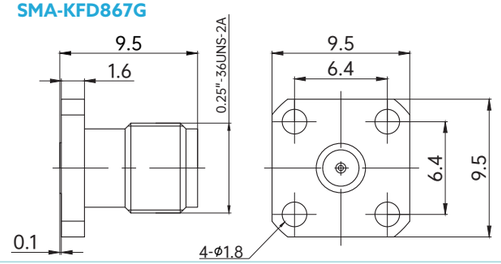


SMA-KFD867G



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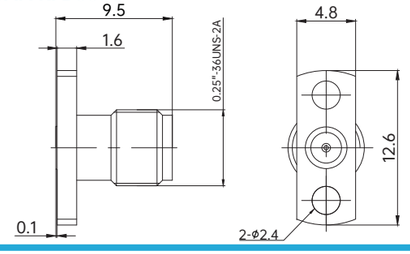

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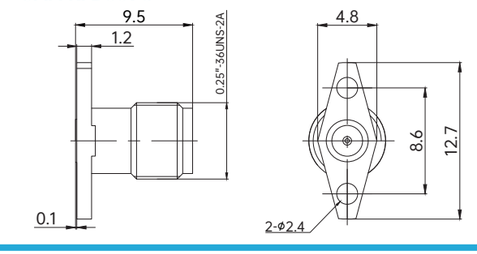
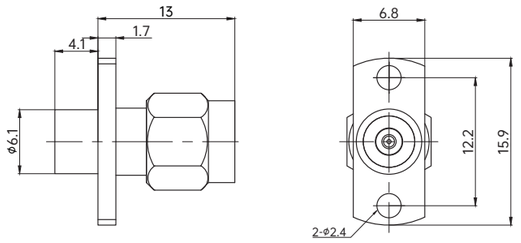


可拆卸连接器 Panel Connector

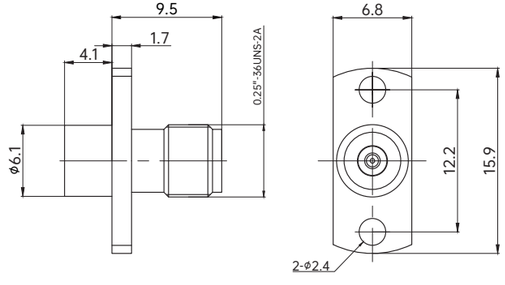
插针、插孔、带台阶 male, femal, flange

SMA-JFD859G　　SMA-KFD2068G

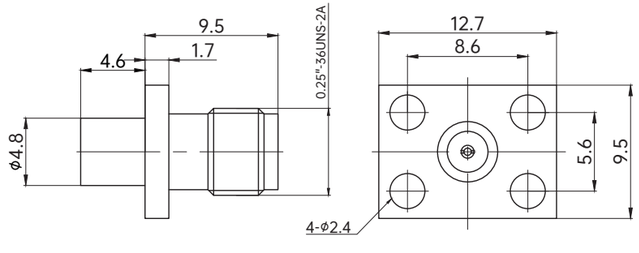
SMA-JFD859G



SMA-KFD870G

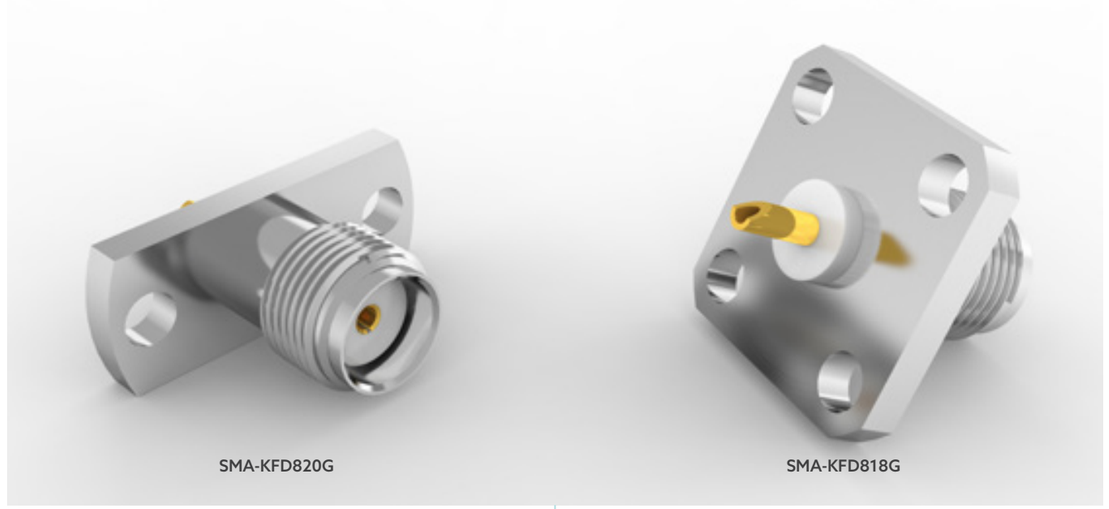


SMA-KFD2068G



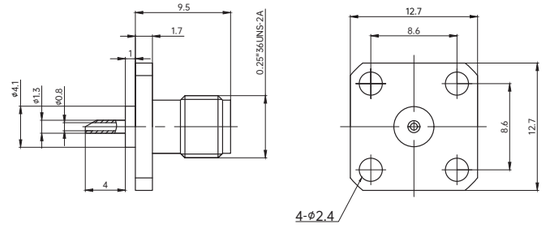
视频连接器 Panel Connector

插孔、带焊锡孔 female, soldering hole

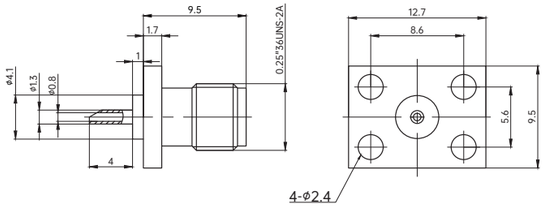


SMA-KFD820G　　SMA-KFD818G

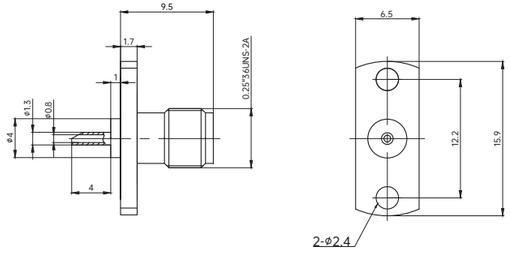
SMA-KFD818G



SMA-KFD819G



SMA-KFD820G



SSMA 系列

SSMA 连接器是 50 欧姆螺母式连接器，SSMA 连接器在保持了 SMA 相同的结构的情况下，整体尺寸缩小。最高工作频率达到 30GHz。

由于更小的尺寸，SSMA 适合更小的电缆，它同样也具有面板安装、印制电路板 PCB 安装等多种形式。使用 SSMA 能够达到更高密度的安装。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 SSMA 产品，形状、尺寸、材料可根据用户需求定制。

The SSMA connector is a 50-ohm threaded connector. While retaining the same structure as the SMA, the overall size of the SSMA has been reduced. It can operate at a maximum frequency of up to 30 GHz.

Due to its smaller size, the SSMA is suitable for smaller cables. It also offers various forms, such as panel mounting and printed circuit board (PCB) mounting. Using SSMA allows for higher-density installation. The connector interface complies with MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the SSMA products; shape, size, and material can be customized according to user requirements.

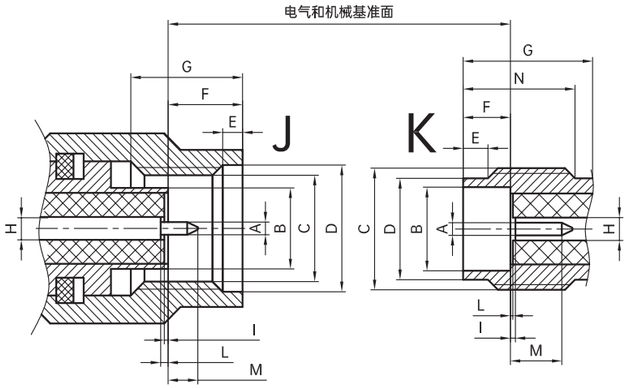
功能 Features

- 最高工作频率 40GHz Frequency range up to 40Ghz
- 小型轻量级连接器 Extremly small dimensions
- 高密度盲插拔 hig- density Blind-mating

产品范围 Product Rang

- 电缆连接器 Cable Assembly
- PCB 印制板连接器 PCB Connector
- 模块间连接器 Panel Connector

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.50(.0195)	Φ 0.53(.0208)	可插入 0.495~0.528(.0195~.0208) 的插针 *(2	
B	Φ 3.15(0.124)	Φ 3.22(.1268)	Φ 3.23(.127)	Φ 3.30(.130)
C	.190-36 UNS-2B		.190-36 UNS-2A	
D	Φ 4.98(0.196)	Φ 5.13(.202)	Φ 3.89(.153)	Φ 4.06(.160)
E	0.38(.015)	1.14（.045）	0.38(.015)	1.14(.045)
F	-	3.43（.135）	1.88(.074)	1.98(.078
G	2.54(.100)	-	5.79(.230)	-
H	-	-	Φ 0.85(.0335)	Φ 0.88(.0348)
I	0.00	0.25(0.10)	0.00	0.25(.010)
L	0.00	0.25(0.10)	0.00	0.25(.010
M	1.27(.050)	1.65(.065)	1.91(.075)	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm（inches）
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 319 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-30GHz
电压驻波比 | VSWR	≤1.1 + 0.05 F (GHz)
插损 | Insertion loss	≤ 0.04 √f (GHz)
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤6 mΩ
外导体接触电阻 | Outer contact resistance	≤2.5 mΩ
测试电压 | Test voltage	1000 V
工作电压 | Working voltage	480 V

机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性或中心接触件 | Spring loaded/ center contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

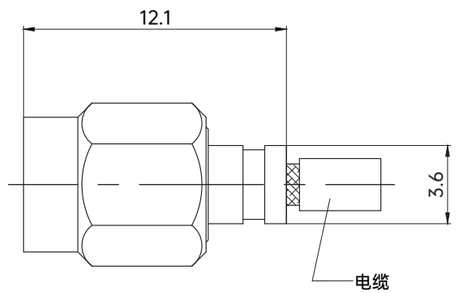
电缆连接器 Cable Connectors

插针 male

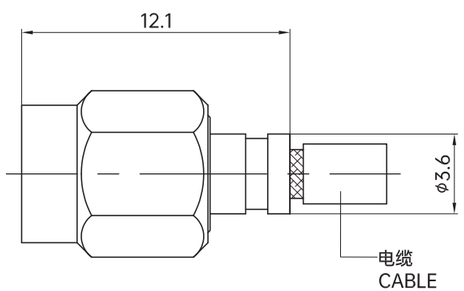
SSMA-J3506

SSMA-JB2

SSMA-J3506 接 3506 柔性稳相电缆
Gore CXN 3506

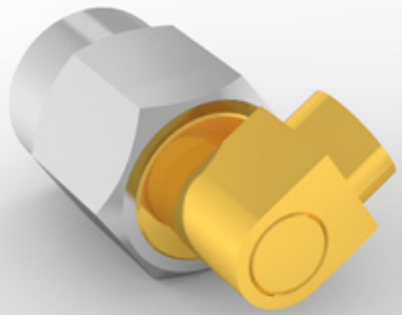


SSMA-JB2 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1

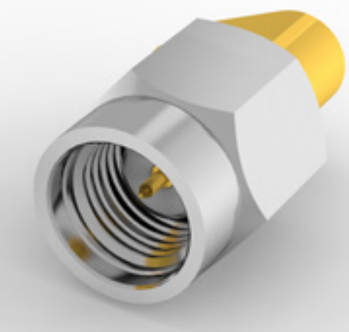


电缆连接器 Cable Connectors

插针、弯头 male, right angle

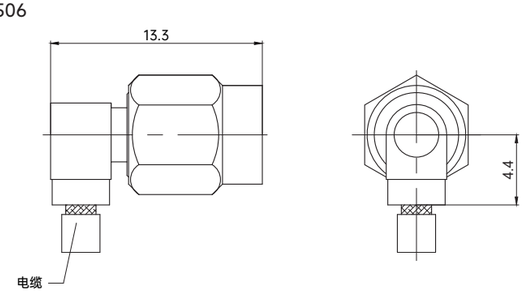


SSMA-JW3506

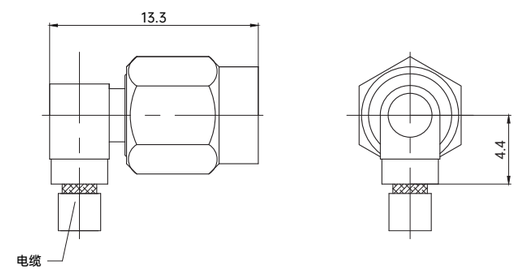


SSMA-JWB2

SSMA-JW3506 接 3506 柔性稳相电缆
Gore CXN 3506

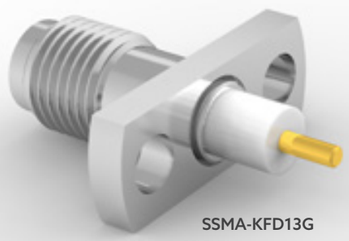


SSMA-JWB2 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1

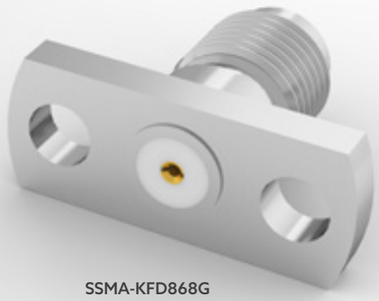


可拆卸式连接器 Panel Connector

插孔 female

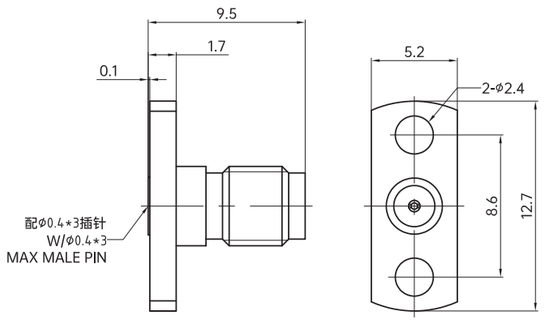


SSMA-KFD13G

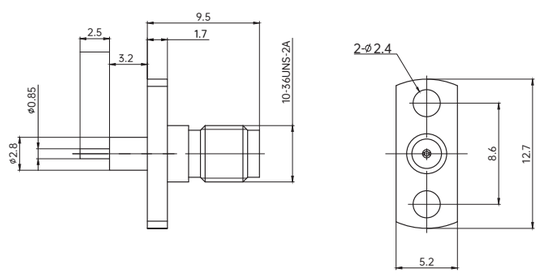


SSMA-KFD868G

SSMA-KFD868G

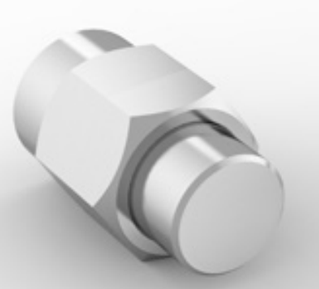


SSMA-KFD13G

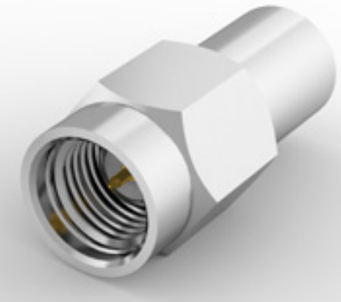


负载 Terminations

插针 male



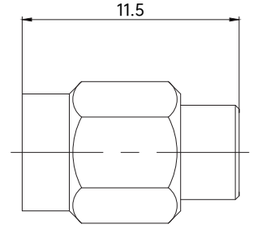
SSMA-JR50G-0.5W



SSMA-JR50G-1W

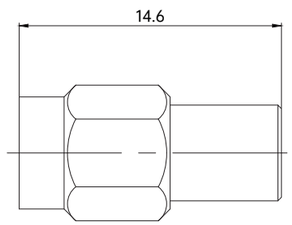
SSMA-JR50G-0.5W

承载功率 0.5W
DC-30GHz
VSWR<1.2



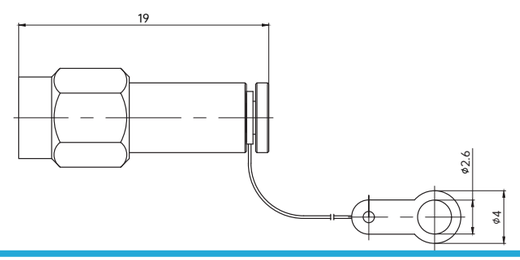
SSMA-JR50G-1W

承载功率 1W
DC-30GHz
VSWR<1.2



SSMA-JR50G-1W-1-T

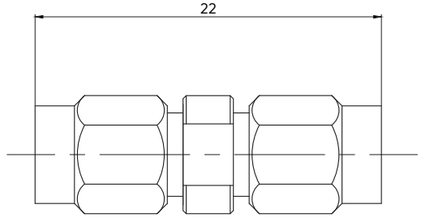
承载功率 1W
DC-30GHz
VSWR<1.2



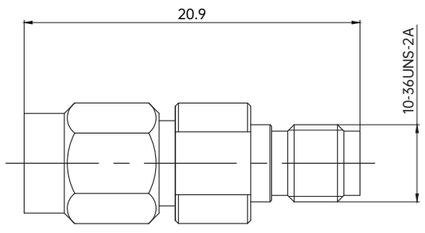
转接器 Adaptors

SSMA 转 SSMA SSMA/SSMA

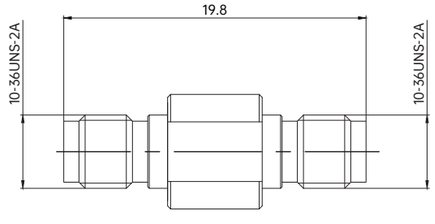
SSMA-JJG



SSMA-JKG



SSMA-KKG



SSMA
Cable Assembly | Passive Component | RF Connector

BMA 系列

BMA 同轴连接器是一种推入式射频同轴连接器，从尺寸结构上讲是 SMA 系列的推入式变形，接口界面采用空气界面，有使用频率高，体积小，接触可靠。

其固定插座在轴径向均有一定的浮动量，即使安装存在一定的未对准，也能通过以足够压力将插头压入插孔而轻松实现配接，并随后由机械机构确保牢固的电气连接和正确对齐。可实现积木式，模块化整机系统，快速盲插更换，广泛应用于模块化整机产品中模块的互联。工作频率高达 18 GHz。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 BMA 产品，形状、尺寸、材料可根据用户需求定制。

The BMA coaxial connector is a push-in type RF coaxial connector, and in terms of size and structure, it is a push-in variant of the SMA series. The interface uses an air interface, and it has high-frequency usage, small size, and reliable contact.

Its fixed socket has a certain amount of axial float, so even if there is some misalignment during installation, it can be easily achieved by pushing the plug into the socket with sufficient pressure and then mechanically ensuring a firm electrical connection and correct alignment. It can achieve a modular, wholemachine system, fast blind plug replacement, and is widely used in the interconnection of modules in modular whole-machine products. The operating frequency is as high as 18 GHz. The connector interface complies with MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the BMA products; shape, size, and material can be customized according to user requirements.

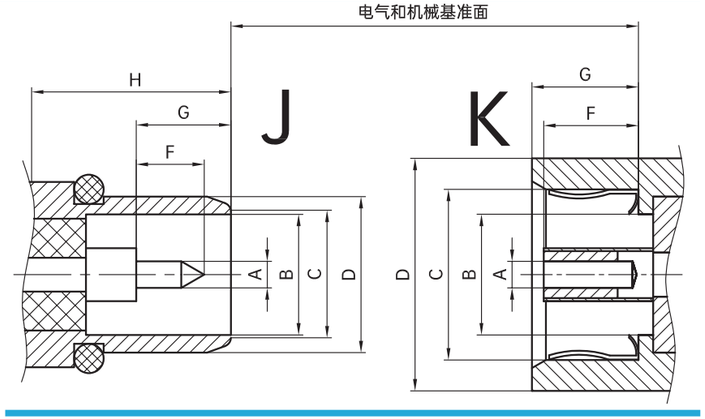
功能 Features

- 最高工作频率 18GHz Frequency range up to 18Ghz
- 特性抗阻 50Ω Impedance of 50Ω
- 盲插拔 Blind-mating

产品范围 Product Rang

- 通讯基站 Communication base stations
- 机载、船舶、地面雷达 Onboard, ships, ground radar
- 模块间连接器 Panel Connector

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.90(.0354)	Φ 0.94(.0370)	可插入 0.902~0.940(.0355~.0370) 的插针 *(2	
B	Φ 4.09(.161) 标称值		Φ 4.08(.161) 标称值	
C	Φ 4.88(0.192) 标称值		Φ 5.72(.225)	-
D	Φ 5.31(.209)	Φ 5.36(.211)	Φ 7.37(.290)	-
E	7.62(.300) 标称值		-	-
F	2.29(.090) 标称值		3.05(.120)	3.23(.127)*(3
G	3.25(.128)	-	-	5.03(.198)
H	5.03(.198)	-	-	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-18GHz
电压驻波比 | VSWR	≤1.15 + 0.02xf (GHz)
插损 | Insertion loss	≤ 0.08 dB x √f (GHz) [dB]
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤3 mΩ
外导体接触电阻 | Outer contact resistance	≤2 mΩ

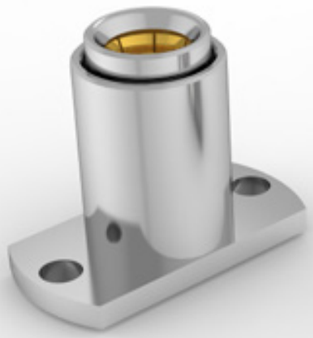
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

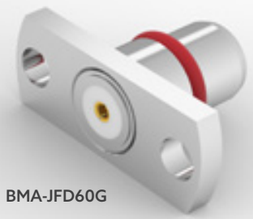
材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

可拆卸式连接器 Panel Connector

插针、插孔 male, female

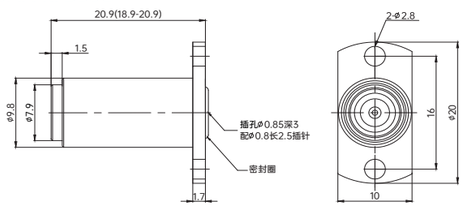


BMA-KFD51G

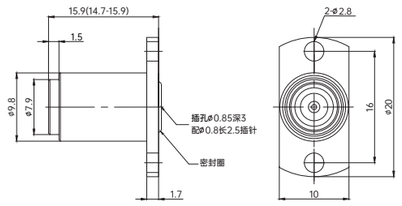


BMA-JFD60G

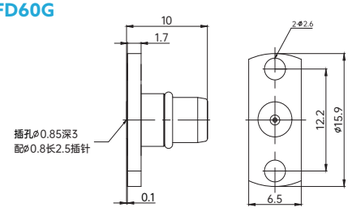
BMA-KFD50G



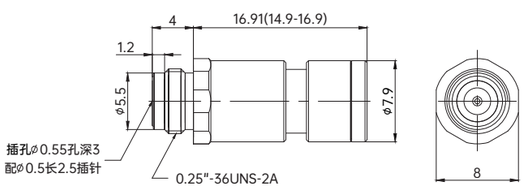
BMA-KFD51G



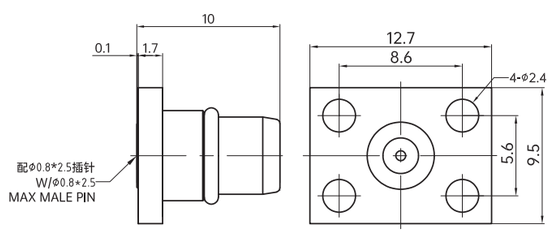
BMA-JFD60G



BMA-KYDG151

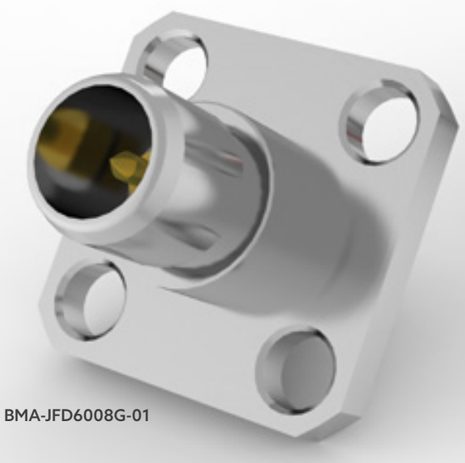


BMA-JFD61G



微带连接器 Microstrip connectors

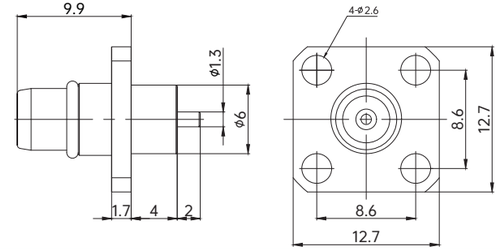
插针 female



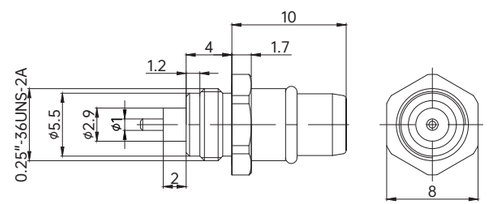
BMA-JFD6008G-01

BMA-JYDG150

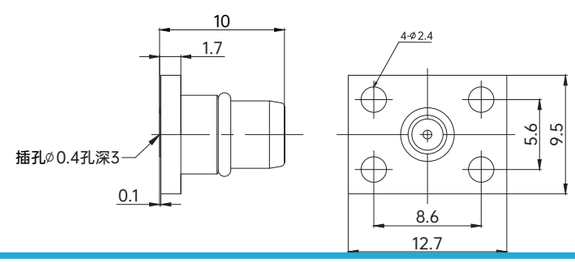
BMA-JFD6008G-01



BMA-JYDG150

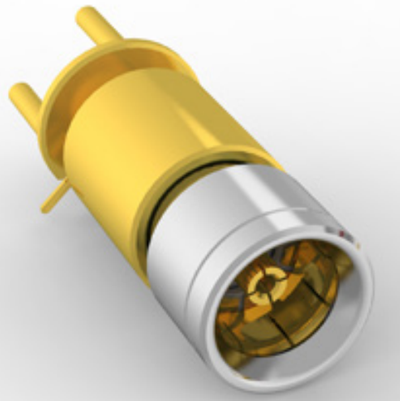


BMA-JFD1G

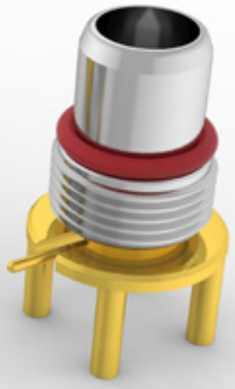


印制板连接器 PCB Connectors

插针、插孔 male, female

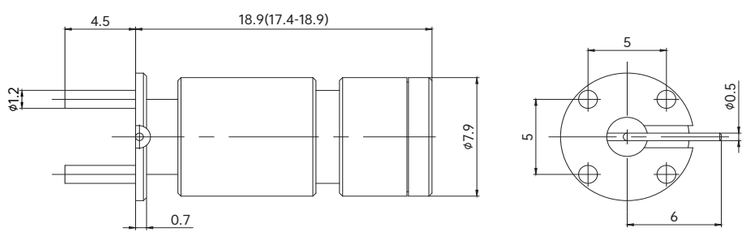


BMA-KHD200H

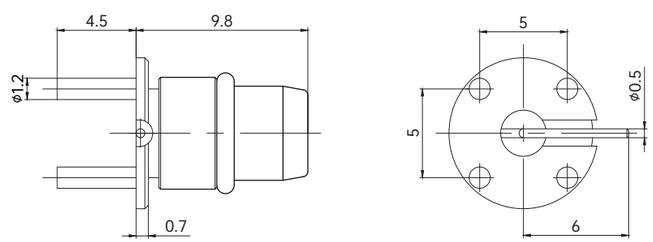


BMA-JHD200H

BMA-KHD200H



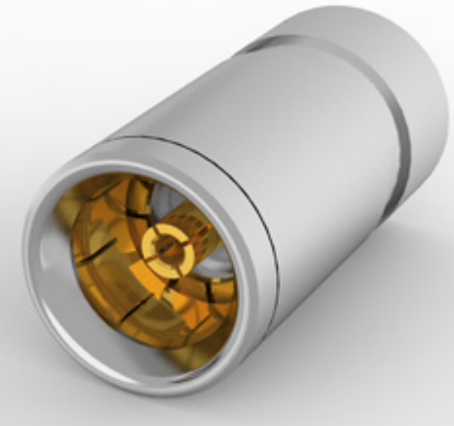
BMA-JHD200H



负载 Terminations

插针、插孔 male, female

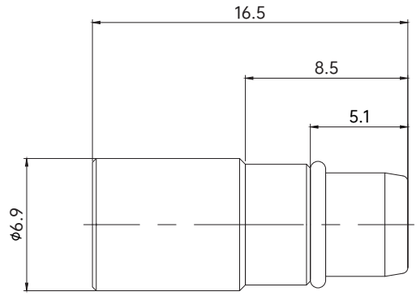
BMA-JR50G



BMA-KR50G

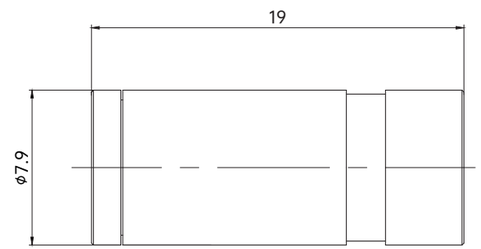
BMA-JR50G

承载功率 1W
DC-18GHz
VSWR<1.25



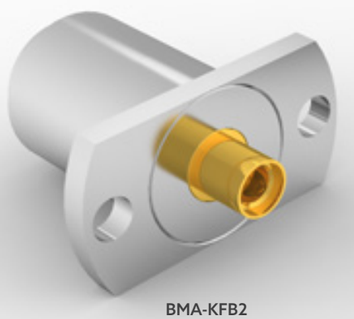
BMA-KR50G

承载功率 1W
DC-18GHz
VSWR<1.25

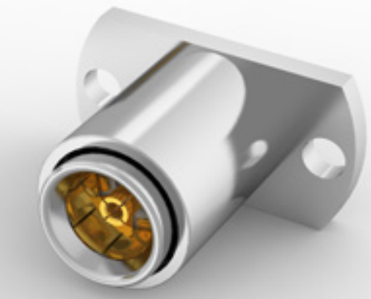


电缆连接器 Cable Connectors

插针、插孔、连接器端浮动 male, female, BMA side spring-loaded



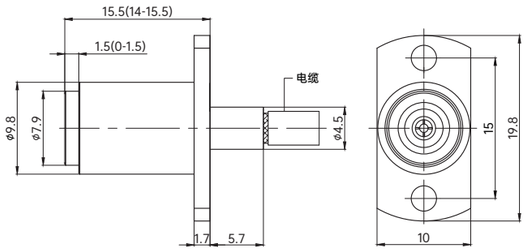
BMA-KFB2



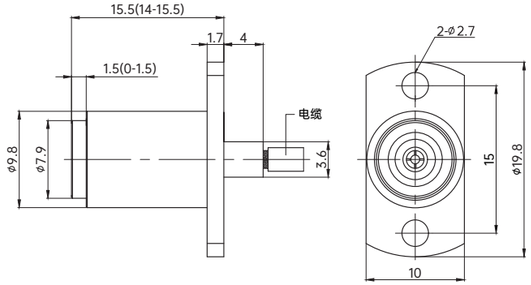
BMA-KF3506

* 径向浮动单边 0.25mm
Single-side radial float 0.25mm

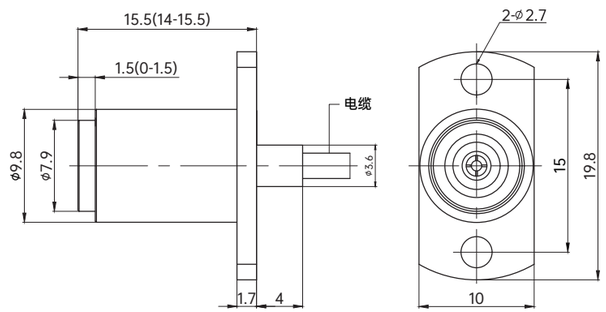
BMA-KF3507 接 3507 柔性稳相电缆
Gore CXN 3507



BMA-KF3506 接 3506 柔性稳相电缆
Gore CXN 3506

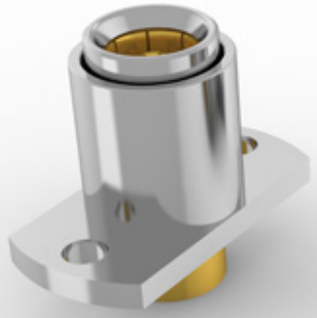


BMA-KFB2 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1



电缆连接器 Cable Connectors

插针、插孔、连接器与电缆端浮动 male, female, two sides spring-loaded

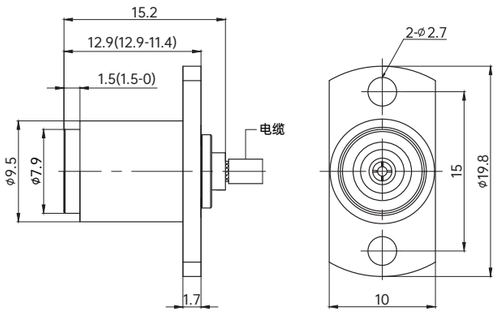


BMA-KFT3507

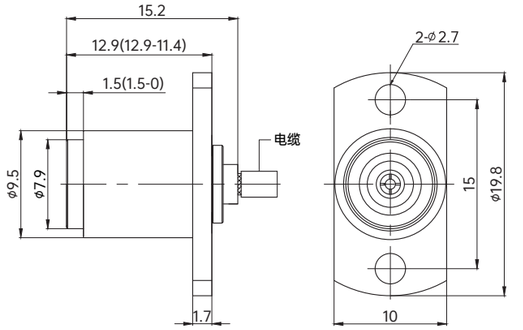
BMA-KFT3449

* 径向浮动单边 0.25mm
Single-side radial float 0.25mm

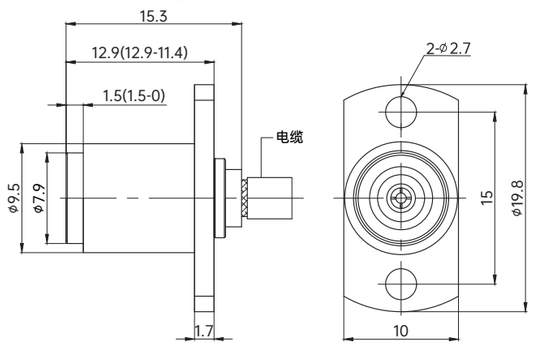
BMA-KFT3506 接 3506 柔性稳相电缆
Gore CXN 3506



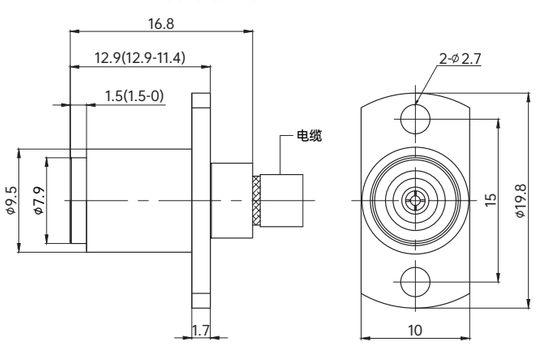
BMA-KFTB2 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1



BMA-KFT3507 接 3507 柔性稳相电缆
Gore CXN 3507

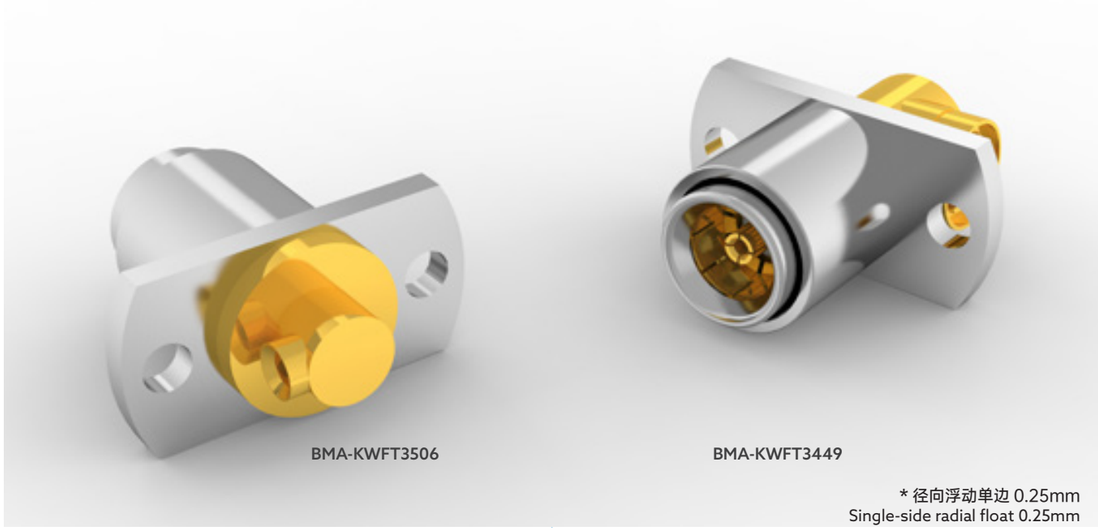


BMA-KFT3449 接 3449 柔性稳相电缆
Gore CXN 3449

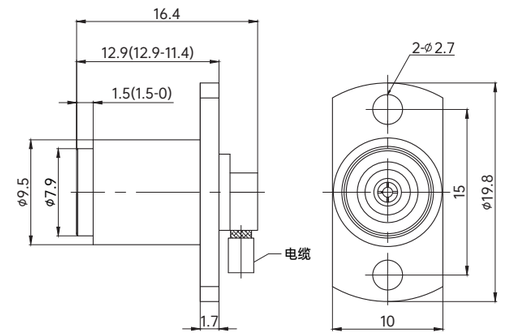


电缆连接器 Cable Connectors

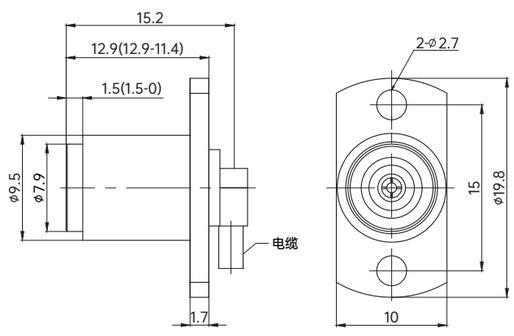
插针、插孔、弯头、连接器与电缆端浮动 male, female, tow sides spring-loaded



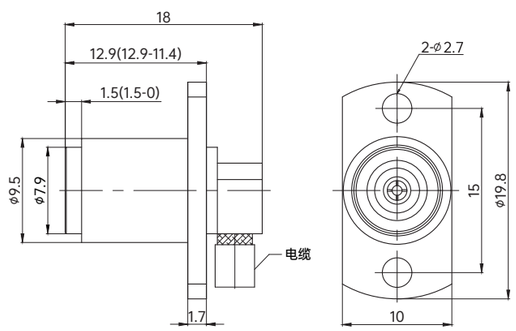
BMA-KWFT3506 接 3506 柔性稳相电缆
Gore CXN 3506



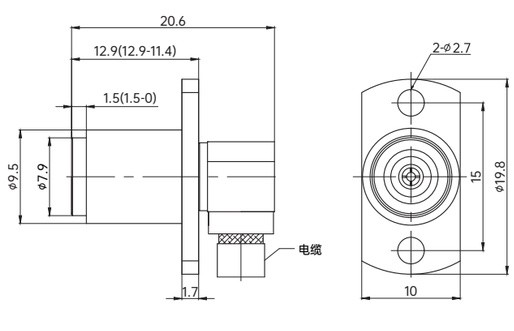
BMA-KWFTB2 接 SFT-50-2-1 半钢性电缆
SFT-50-21



BMA-KWFT3507 接 3507 柔性稳相电缆
Gore CXN 3507



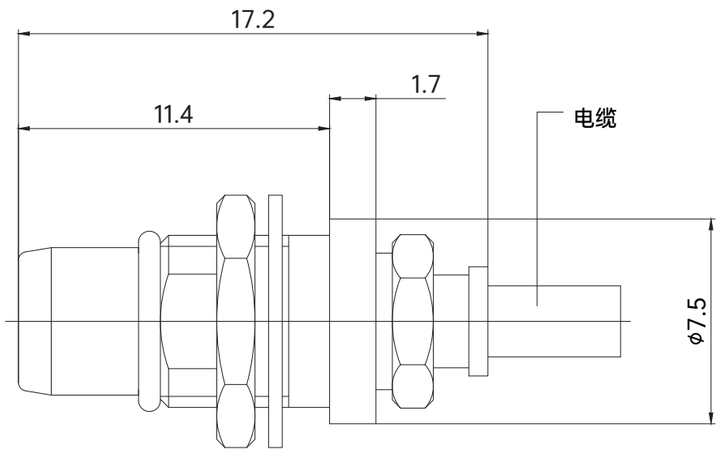
BMA-KWFT3449 接 3449 柔性稳相电缆
Gore CXN 3449



电缆连接器 Cable Connectors

插针 male

BMA-JYB2-7 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1



SBMA 系列

SBMA 从尺寸结构上讲是 SSMA 系列的推入式变形，接口界面采用空气界面，有使用频率高，体积小，接触可靠。使用频率可达 28GHz。

用在器件与器件、组件与组件、系统与子系统之间形成电气连接和射频信号传递，相比与 BMA 系列，体积缩小了近 30%，可以在更狭小的安装环境中使用。 连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 SBMA 产品，形状、尺寸、材料可根据用户需求定制。

The SBMA coaxial connector is a push-in variant of the SSMA series in terms of size and structure. The interface uses an air interface, and it has the advantages of high frequency usage, small size, and reliable contact. It can operate at a frequency of up to 28 GHz. It is used to form electrical connections and RF signal transmission between devices, components, systems, and subsystems. Compared to the BMA series, its size is reduced by nearly 30%, allowing for use in more confined installation environments. The connector interface complies with MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

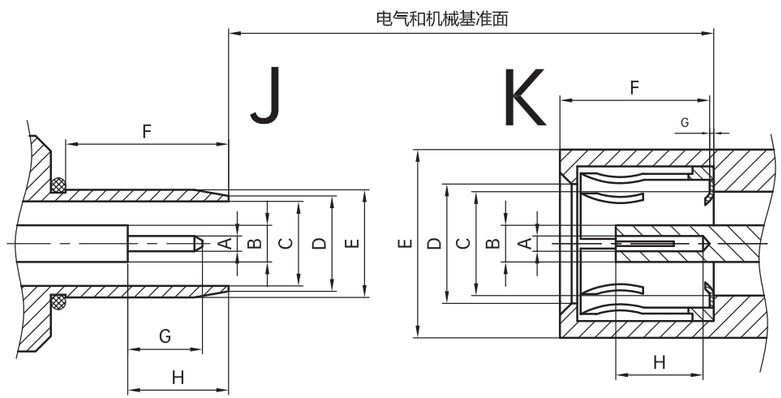
功能 Features

- 最高工作频率 28GHz Frequency range up to 28Ghz
- 小型轻量级连接器 Extremly small dimensions
- 盲插拔 Blind-mating

产品范围 Product Rang

- 通讯基站 Communication base stations
- 机载、船舶、地面雷达 Onboard, ships, ground radar
- 模块间连接器 Panel Connector

连接器界面尺寸
Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.495(.0195)	Φ 0.528(.0208)	可插入 0.495~0.528(.0195~.0208) 的插针 *(2	
B	Φ 1.21(.048) 标称值		Φ 1.2(.047)	Φ 1.22(.048)
C	Φ 2.78(.109) 标称值		Φ 2.765(.109)	Φ 2.795(.110)
D	Φ 3.18(.125)	Φ 3.32(.131)	Φ 3.9(.154)	Φ 3.96(.156)
E	Φ 3.51(.138)	Φ 3.56(.140)	Φ 5.4(.213)	-
F	5.03(.198)	-	-	5.03(.198)
G	-	2.54(.100)	0.04(.002)	0.06(.002)*(3
H	3.25(.128)	3.35(0.1319)	Φ 3(.118)	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm（inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-28GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥1000 mΩ
内导体接触电阻 | Center Contact resistance	≤6 mΩ
外导体接触电阻 | Outer contact resistance	≤2.5mΩ

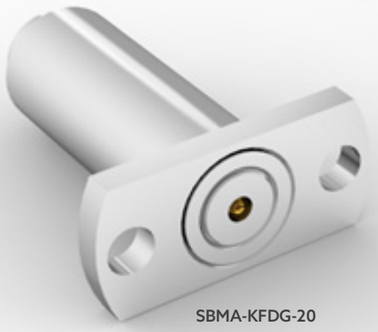
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

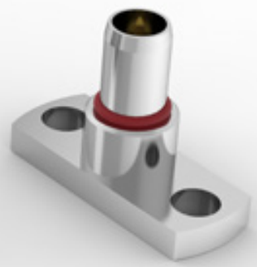
材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

可拆卸式连接器 Panel Connector

插针、插孔 male, female

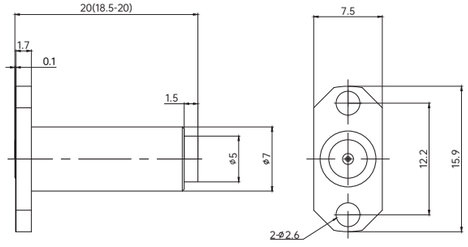


SBMA-KFDG-20

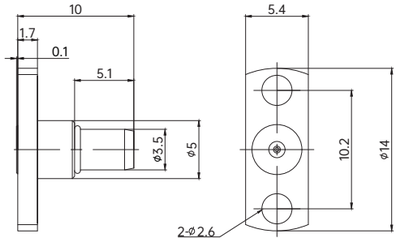


SBMA-JFDG-20

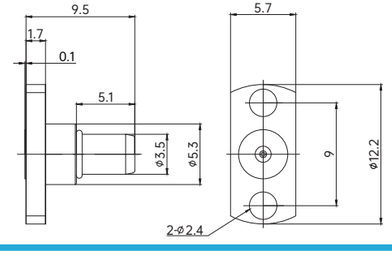
SBMA-KFDG-20



SBMA-JFDG-20

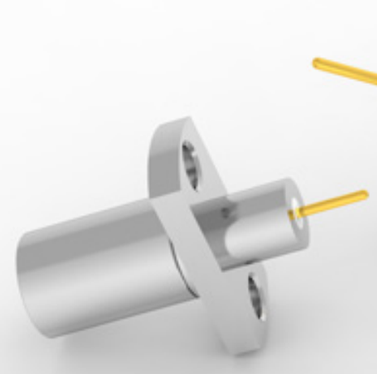


SBMA-JFDG-T

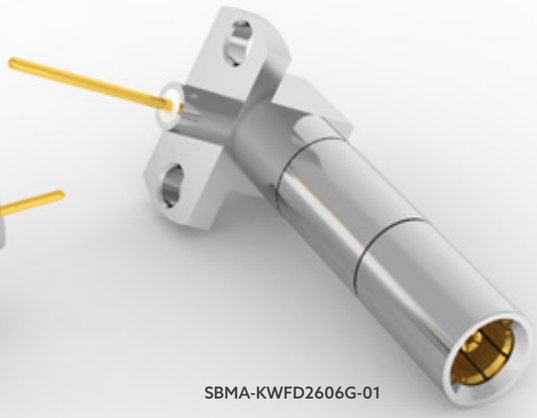


可拆卸式连接器 Panel Connector

插针、插孔、带台阶 male, female, flange

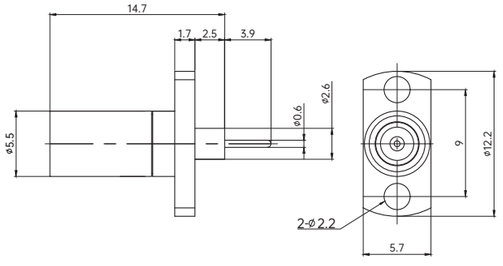


SBMA-KFDG-01

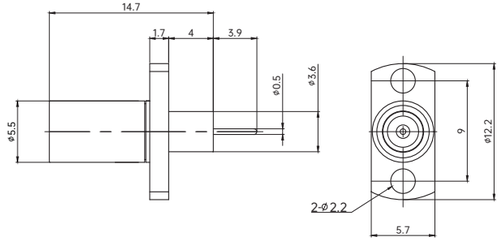


SBMA-KWFD2606G-01

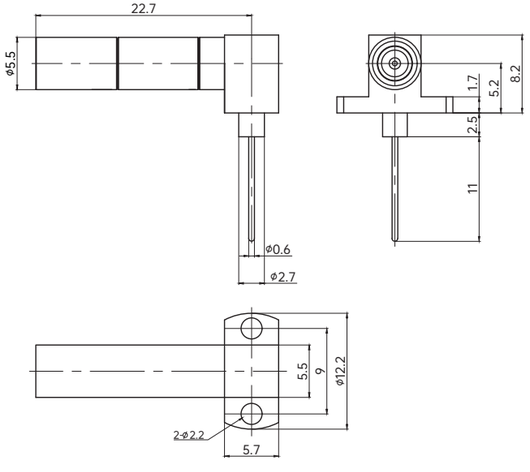
SBMA-KFD2606G-01



SBMA-KFDG-01



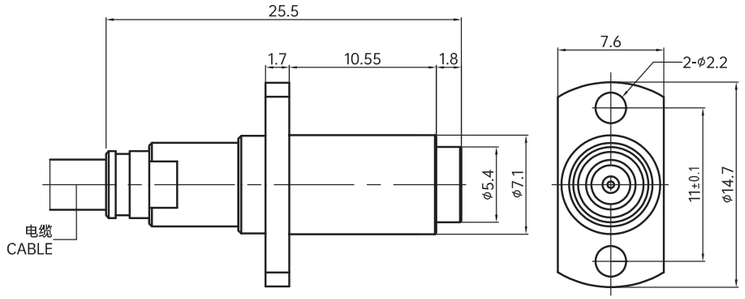
SBMA-KWFD2606G-01



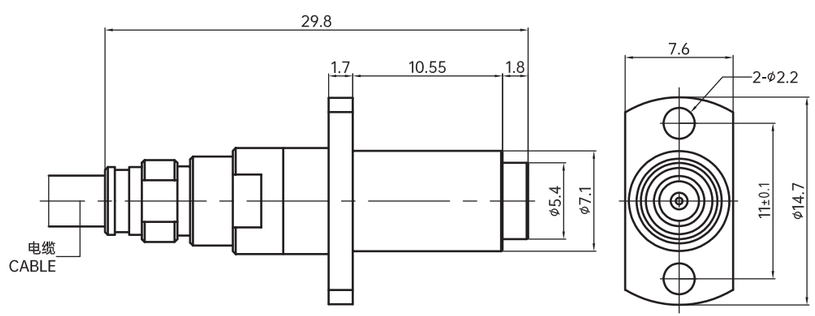
电缆连接器 Cable Connectors

插针、法兰 male, flange

SBMA-KF3507G7

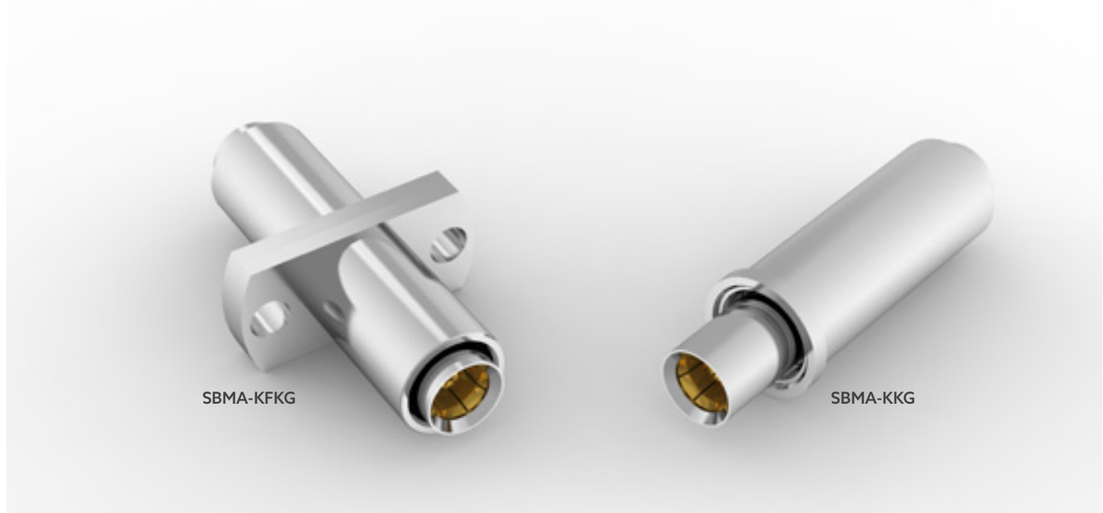


SBMA-KF3507G8

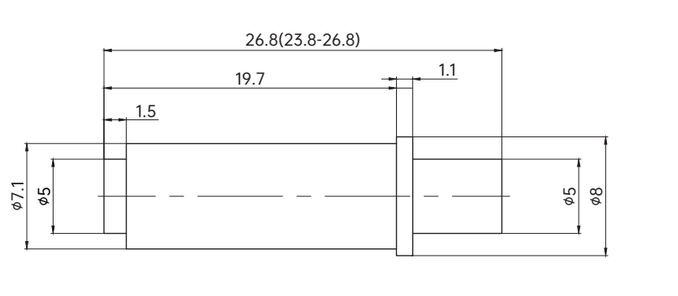


转接器 Adaptors

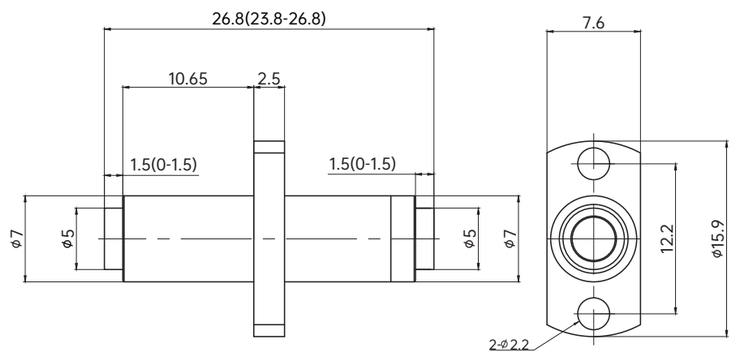
插针、插孔 male, female



SBMA-KKG



SBMA-KFKG



TNC 系列

TNC 连接器是一种具有螺纹连接机构的的中功率连接器，最高工作频率可达 11 GHz。具有抗震性强，可靠性高、机械和电气性能优良等特点。

该连接器是基于 BNC 的结构与电气性能的变形，TNC 能够在比 BNC 更高的负载环境下使用。螺纹连接带来了界面的尺寸可优化的空间，使其在高震动环境下也能保证性能的可靠性。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 TNC 产品，形状、尺寸、材料可根据用户需求定制。

The TNC connector is a medium-power connector with a threaded connection mechanism, and it can operate at a maximum frequency of up to 11 GHz. It features strong shock resistance, high reliability, and excellent mechanical and electrical performance.

The threaded connection allows for the optimization of interface dimensions, ensuring reliable performance even in high-vibration environments. The connector interface complies with MIL-STD-348B astandards.

This manual only displays a portion of the TNC products; shape, size, and material can be customized according to user requirements.

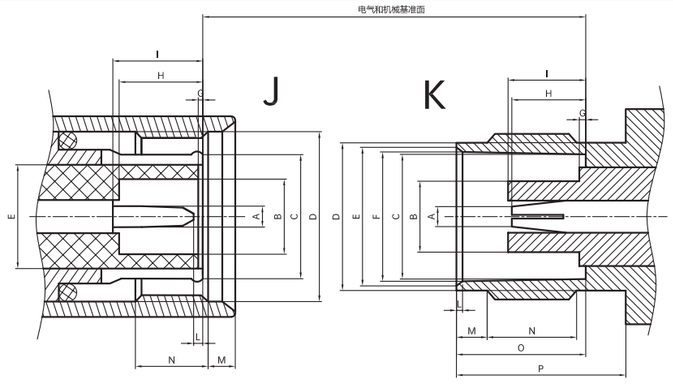
功能 Features

- 最高工作频率 11GHz **Frequency range up to 11Ghz**
- 特性抗阻 50Ω/75Ω **Impedance of 50Ω/75Ω**
- TNC 75Ω/50Ω 可互配 **TNC 75Ω/50Ω are interchangeable**

产品范围 Product Rang

- 电缆连接器 Cable Assembly
- PCB 印制板连接器 PCB Connector
- 模块间连接器 Panel Connector

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 1.32(.052)	Φ 1.37(.054)	可插入 1.32~1.37(.052~.054) 的插针 *(2	
B	Φ 4.83(.190)	-	-	Φ 4.72(.186)
C	开槽和涨口满足电气和机械性能要求		Φ 8.10(.319)	Φ 8.15(.321)
D	7/16-28 UNEF-2B		7/16-28 UNEF-2A	
E	-	Φ 8.18(.322)	Φ 8.79(.346)	Φ 9.04(.356)
F	-	-	Φ 8.31(.327)	Φ 8.4(.333)
G	0.15(.006)	-	-	0.15(.006)
H	5.28(.208)	5.79(.228)	4.72(.186)	5.23(.206)
I	5.33(.210)	5.84(.230)	4.78(.188)	5.28(.208)
L	0.08(.003)	1.02(.040)	0.38(.015)	0.76(.030)
M	1.60(.063)	-	1.73(.068)	2.24(.088)
N	3.96(.156)	-	4.75(.187)	-
O	-	-	8.31(.327)	8.51(.335)
P	-	-	10.52(.414)	-

备注：1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-11GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤1.5 mΩ
外导体接触电阻 | Outer contact resistance	≤2 mΩ

机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

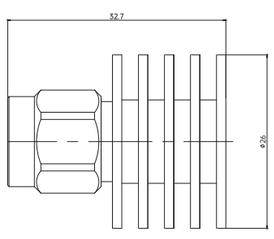
环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

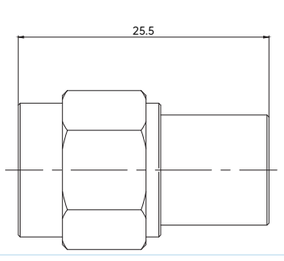
负载 Terminations

插针、插孔 male, female

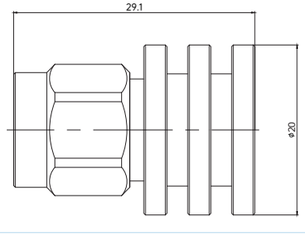
TNC-50JR-6W
承载功率 6W
0.5-2GHz
VSWR<1.2



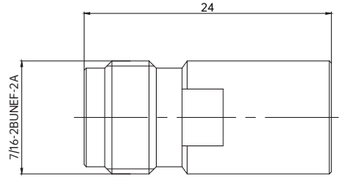
TNC-50JR-1W
承载功率 1W
DC-18GHz
VSWR<1.3



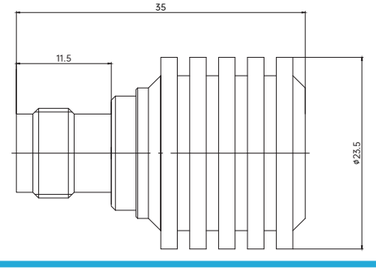
TNC-JR-2W-T
承载功率 2W
0.5-2GHz
VSWR<1.2



TNC-50KR-1W
承载功率 1W
DC-18GHz
VSWR<1.3

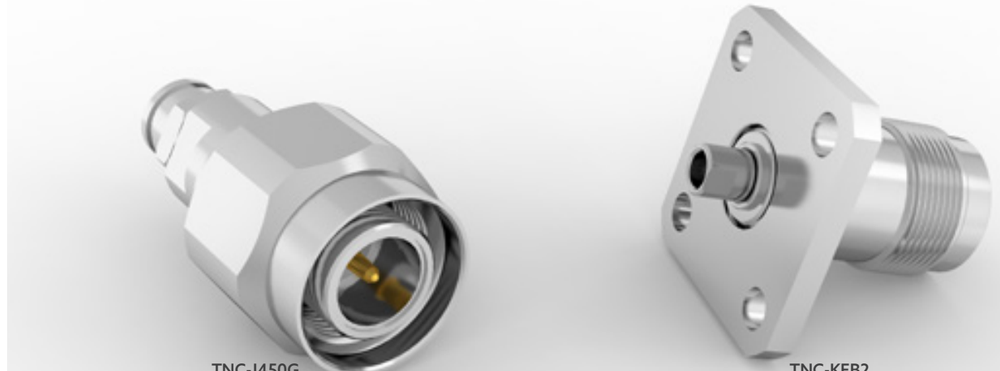


TNC-KR-5W-T
承载功率 5W
0.5-2GHz
VSWR<1.3

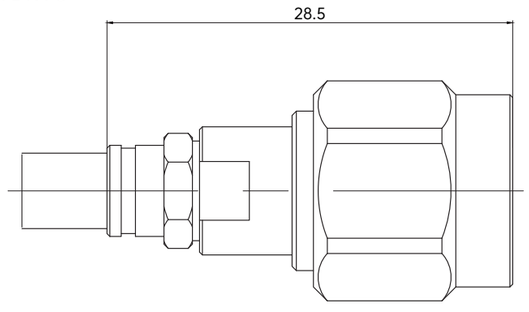


电缆 Cable Connectors

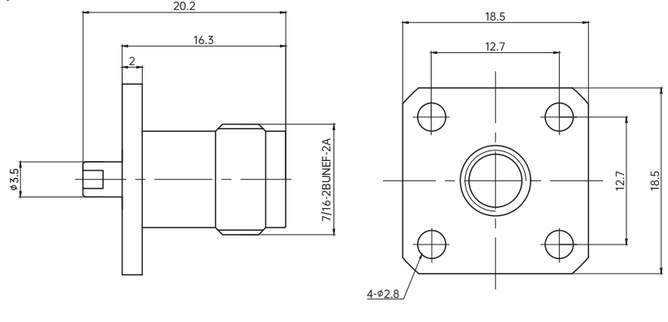
插针、插孔 male, female



TNC-J450G 接 450 柔性稳相电缆
MICRO-COAX UFB197C

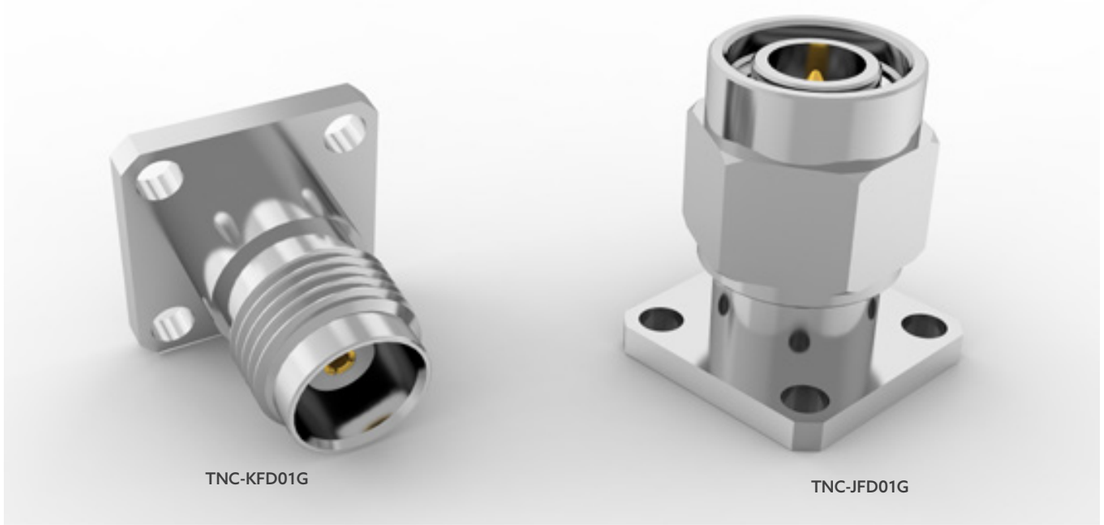


TNC-KFB2 接 SFT-50-2-1 半钢性电缆
SFT-50-2-1

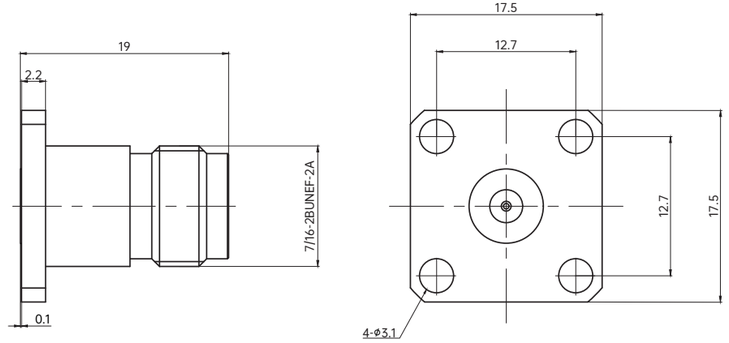


可拆卸式连接器 Panel Connector

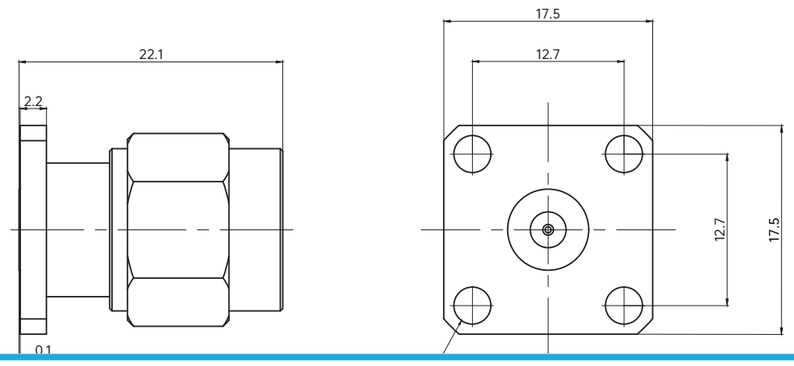
插针、插孔 male, female



TNC-KFD01G

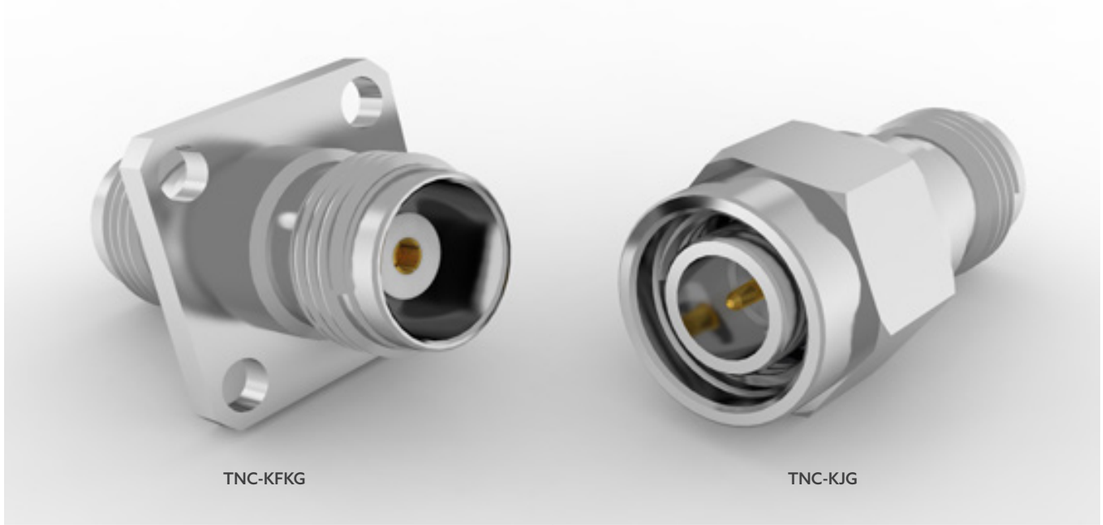


TNC-JFD01G

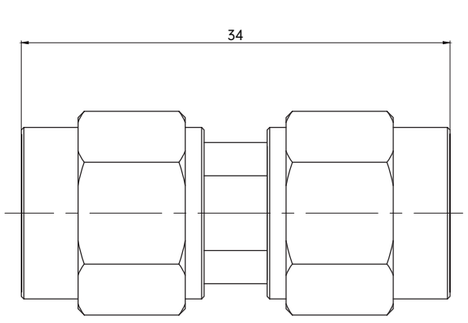


转接器 Adaptors

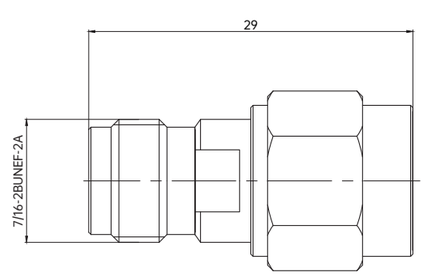
TNC 转 TNC TNC/TNC



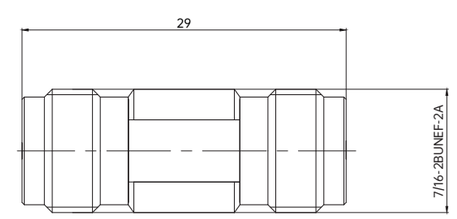
TNC-JJG



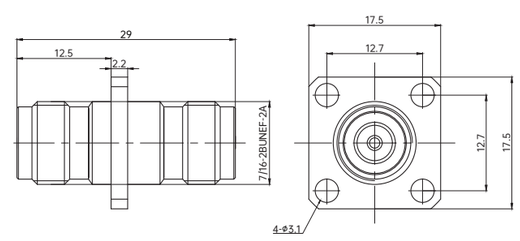
TNC-KJG



TNC-KKG



TNC-KFKG



N 系列

N 型连接器是一种具有螺纹连接的高功率连接器，适用于微波设备和数字通信系统的射频回路中连接射频电缆或微带线。广泛用于振动和环境恶劣条件下的无线电设备和仪器及地面发射系统。具有可靠性高、频带宽、寿命长、抗振性强、机械和电气性能优良等特点。

N 型连接器的螺纹结构与盲插型连接器相比，适用特殊应用场合。如需要极高的防护等级，或其他连接器无法应对温度、压力或震动等环境因素要求的场合。连接器界面符合 MIL-STD-348B 及 GJB 5246-2004 标准。

本手册仅展示部分 N 产品，形状、尺寸、材料可根据用户需求定制。

The N-type connector is a high-power connector with a threaded connection, suitable for connecting RF cables or microstrip lines in the RF circuits of microwave equipment and digital communication systems. It is widely used inradio equipment and instruments, as well as ground launch systems, underconditions of vibration and harsh environments. It features high reliability, wide bandwidth, long lifespan, strong shock resistance, and excellent mechanical and electrical performance.

Compared to blind plug connectors, the threaded structure of the N-type connector is suitable for special applications, such as those requiring extremely high protection levels or where other connectors cannot meet environmental requirements such as temperature, pressure, or vibration. The connector interface complies with MIL-STD-348B and GJB 5246-2004 standards.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

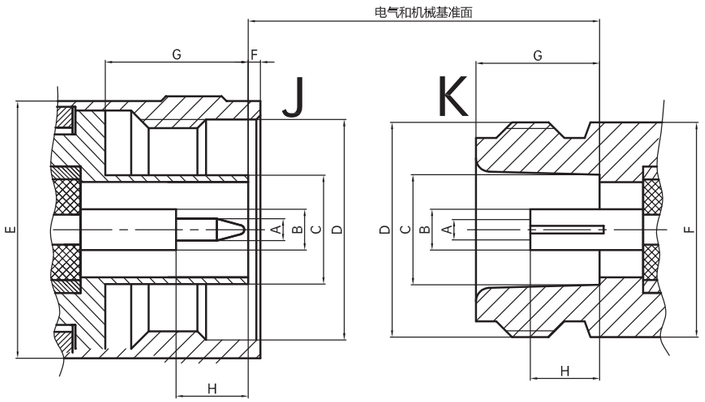
功能 Features

- 最高工作频率 11GHz **Frequency range up to 11Ghz**
- 特性抗阻 50Ω/75Ω **Impedance of 50Ω/75Ω**
- 50Ω 与 75Ω 不可互联 **50Ω & 75Ω are not interchangeable**

产品范围 Product Rang

- 电缆连接器 **Cable Assembly**
- PCB 印制板连接器 **PCB Connector**
- 模块间连接器 **Panel Connector**

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 1.60(.063)	Φ 1.68(.066)	可插入 1.60~1.68(.063~.066) 的插针 *(2	
B	Φ 3.04(.012) 标称值		Φ 3.02(.119)	Φ 3.15(.124)
C	-	Φ 8.38(.330)	Φ 8.03(.316)	Φ 8.13(.320)
D	5/8-24 UNEF- 2B		5/8-24 UNEF- 2A	
E	Φ 21.01(.827)	-	-	-
F	0.41(.016)	1.52(.060)	-	Φ 15.93(.627)
G	10.11(.398)	10.46(.412)	9.04(.356)	9.19(.362)
H	5.33(.210)	5.84(.230)	4.75(.187)	5.26(.207)

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-11GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000 MΩ
内导体接触电阻 | Center Contact resistance	≤1.5 mΩ
外导体接触电阻 | Outer contact resistance	≤2 mΩ

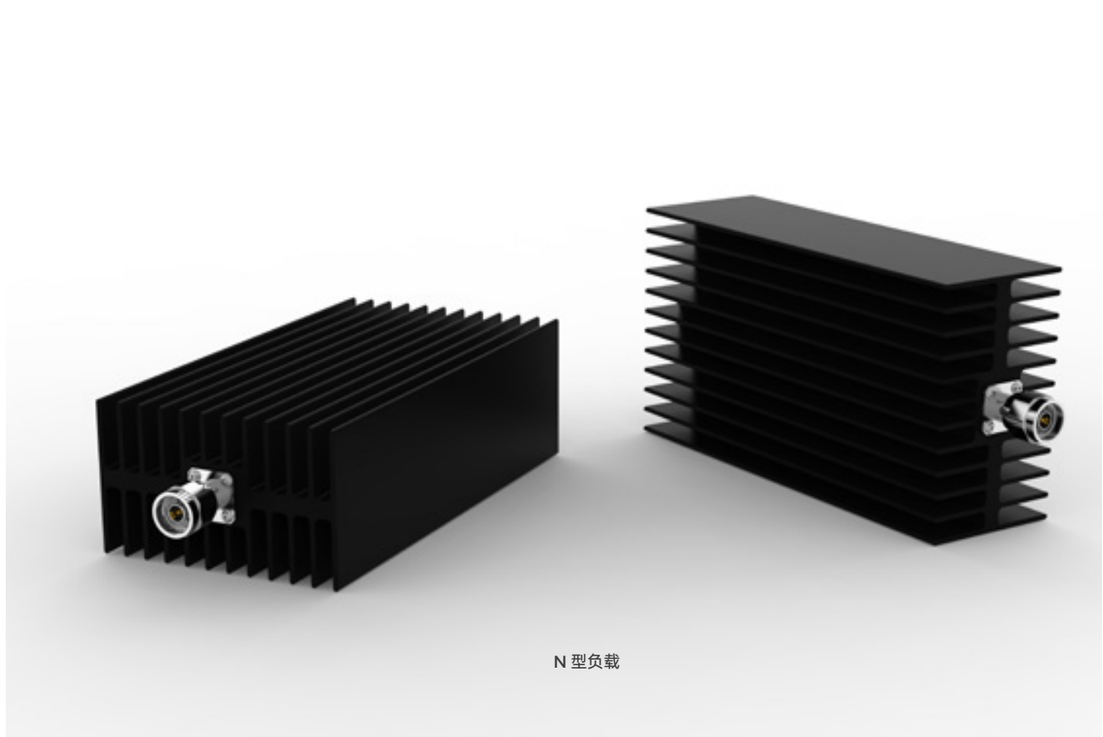
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

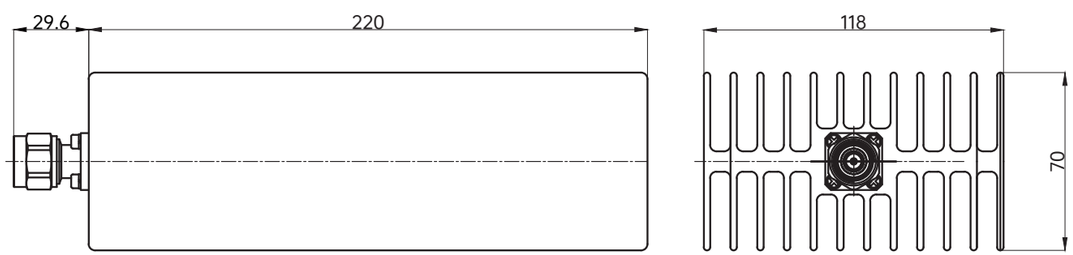
负载 Terminations

高功率负载 High-power Terminations



N 型负载

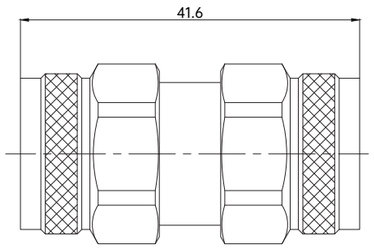
N 型负载
承载功率 **300W**
2-18GHz
VSWR<1.3



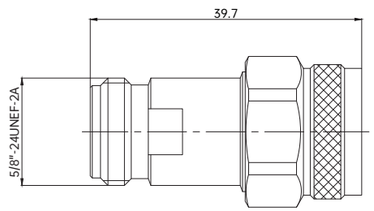
转接器 Adaptors

N 转 N N/N

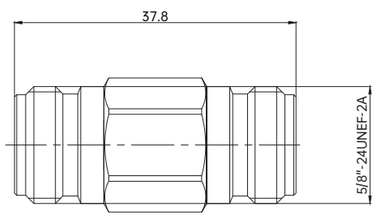
N-JJG



N-JKG



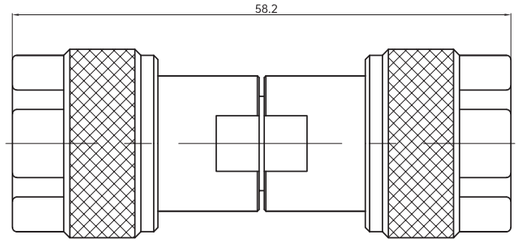
N-KKG



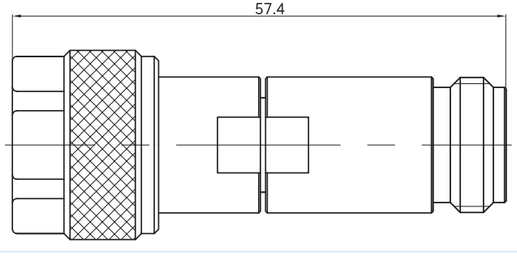
转接器 Adaptors

N75 转 N75 N75/N75

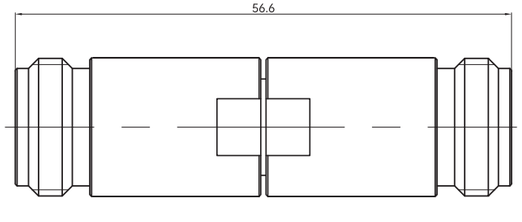
N75-JJG



N75-JKG



N75-KKG



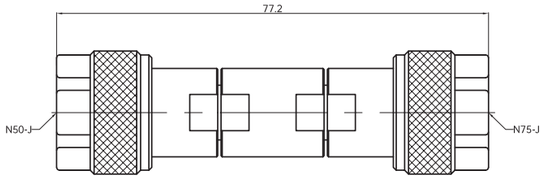
转接器 Adaptors

N50 转 N75、2-18Ghz N50/N75, 2 to 18Ghz

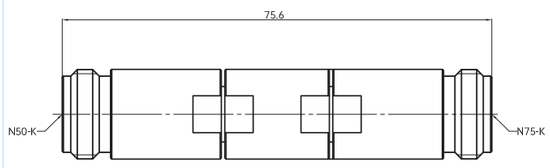
频率	Frequency	2-18GHz
回波损耗	VSWR	<1.35
插入损耗	Insert Loss	<0.3dB
测试型号	Test conector	N50/N75-JKG

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

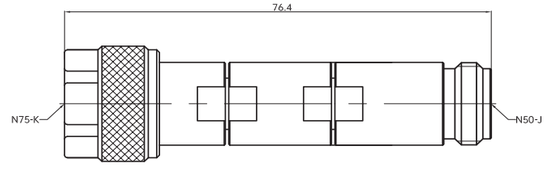
N50/N75-JJG



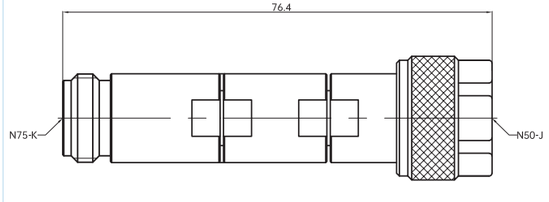
N50/N75-KKG



N50/N75-JKG

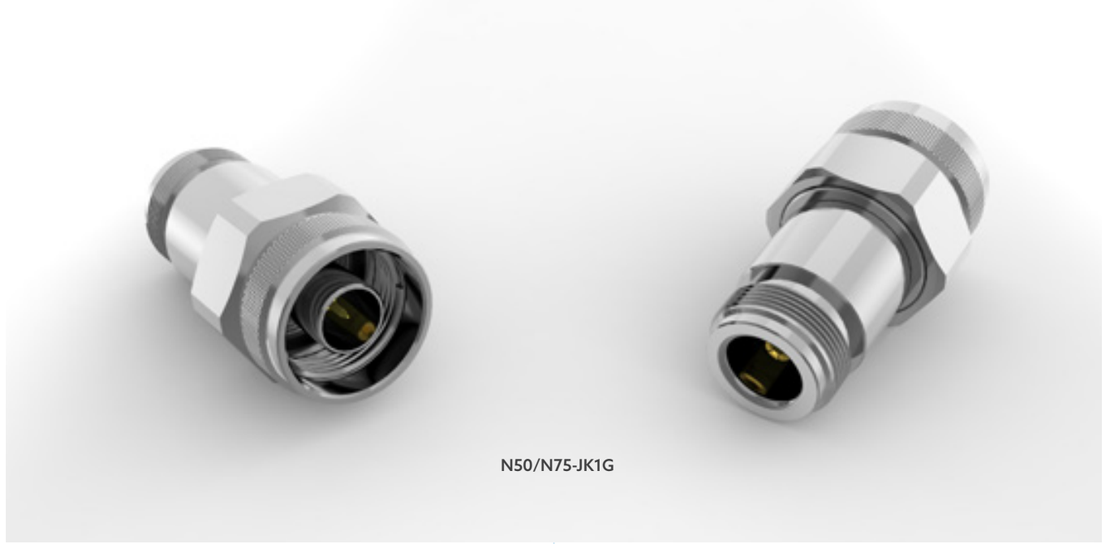


N50/N75-KJG

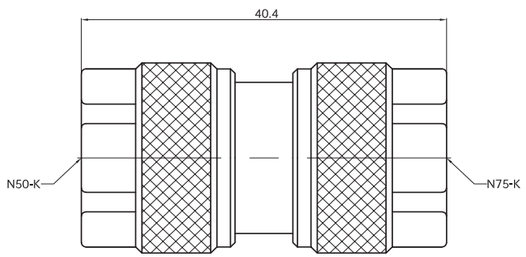


转接器 Adaptors

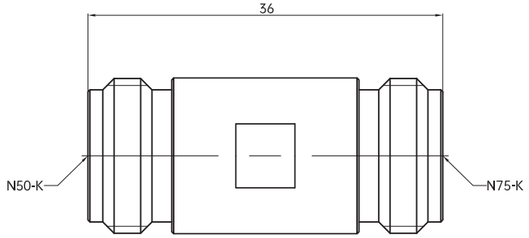
N50 转 N75 N50/N75



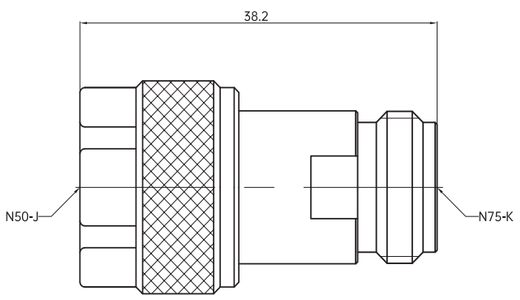
N50/N75-JJ1G



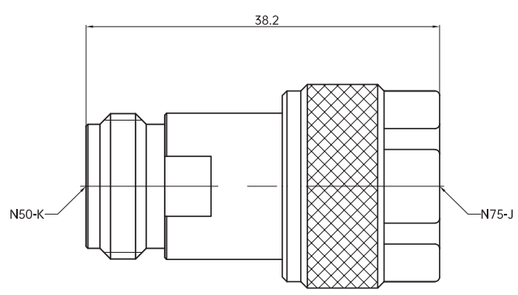
N50/N75-KK1G



N50/N75-JK1G



N50/N75-KJ1G



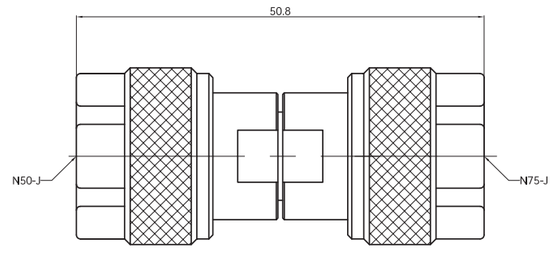
转接器 Adaptors

N50 转 N75、DC-2Ghz N50/N75, DC to 2GHz

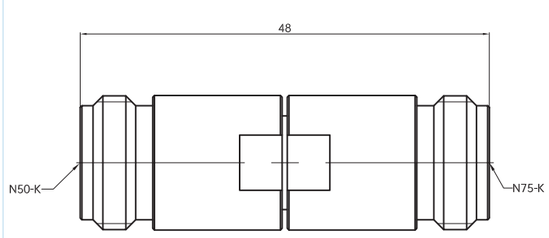
频率	Frequency	DC-2GHz
回波损耗	VSWR	<1.1
插入损耗	Insert Loss	<5.7dB
测试型号	Test conector	N50/N75-JK2G

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

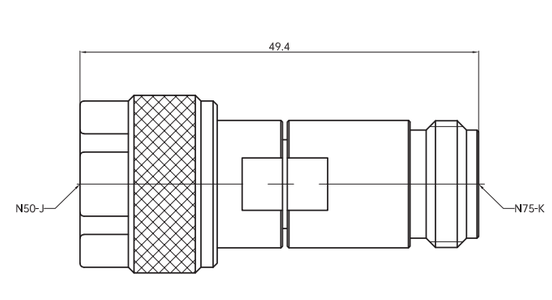
N50/N75-JJ2G



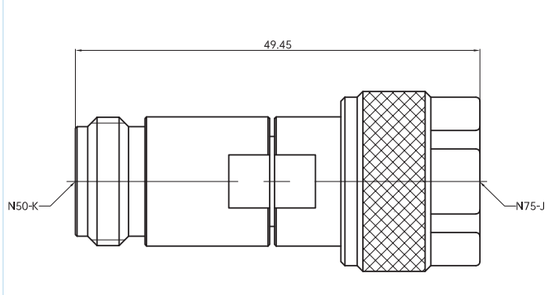
N50/N75-KK2G



N50/N75-JK2G

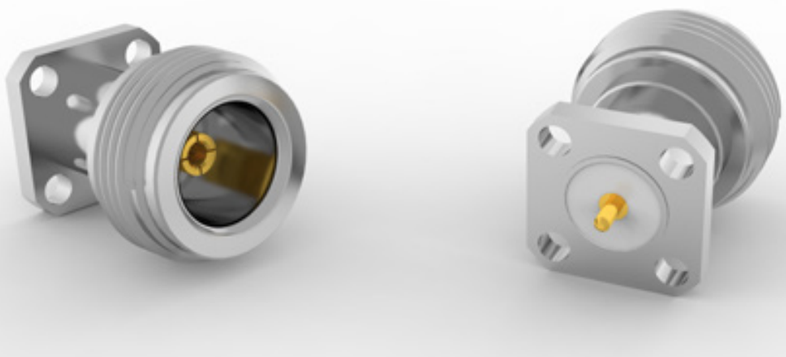


N50/N75-KJ2G



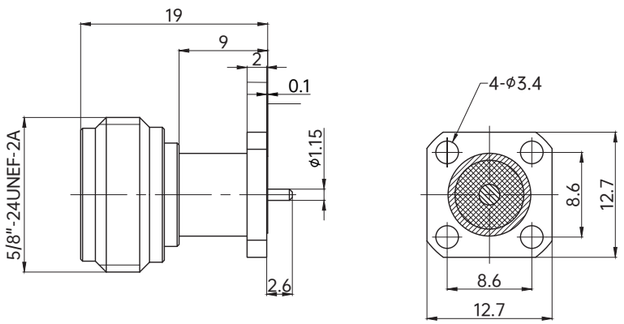
微带连接器 Microstrip connectors

插孔 female



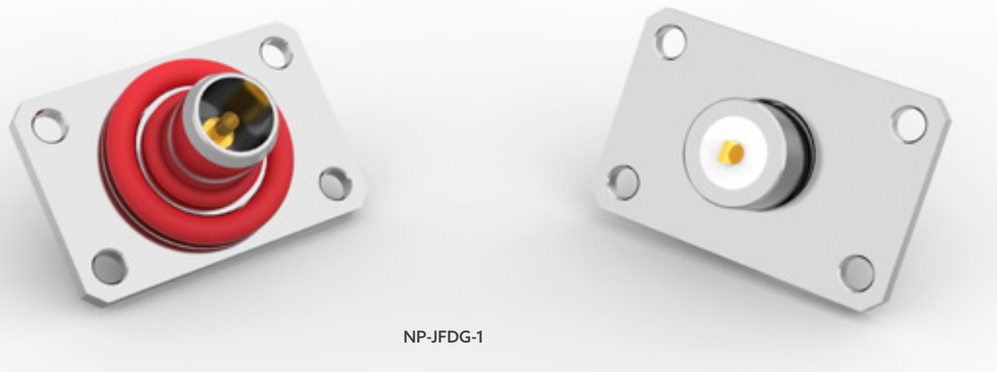
N-KFD01G

N-KFD01G



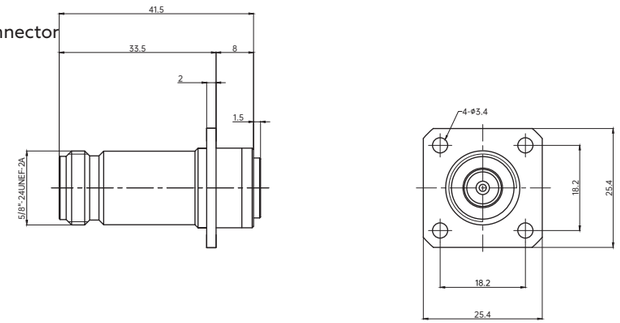
连接器 Panel Connector

盲插拔 blind-mate

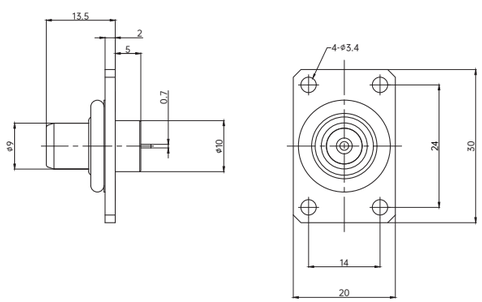


NP-JFDG-1

NP/N-KFKG-1 可拆卸式 Panel Connector



NP-JFDG-1 接微带 Microstrip end



1.85 系列

1.85mm 连接器工作频率高达 67GHz，连接器界面接口兼容 2.4mm 连接器并使用空气作为电介质。

为了最大程度提高强度，增加耐用性，1.85mm 连接器选择了最合适的耦合接口直径与螺纹大小。考虑到安装时可能导致的内导体磨损，外壳会在内导体接合之前耦合。1.85mm 连接器界面符合 IEEE 287 标准。

本手册仅展示部分毫米波 1.85 产品，形状、尺寸、材料可根据用户需求定制。

The 1.85mm connector operates at frequencies as high as 67 GHz. The connector interface is compatible with 2.4mm connectors and uses air as the dielectric medium. To maximize strength and enhance durability, the 1.85mm connector chooses the most suitable coupling interface diameter and thread size.

Considering potential inner conductor wear during installation, the outer shell couples before the inner conductor joins. The 1.85mm connector interface complies with the IEEE 287 standard.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

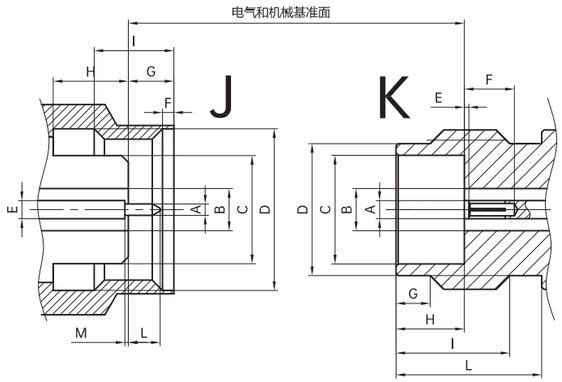
功能 Features

- 最高工作频率 67GHz **Frequency range up to 67Ghz**
- 螺纹式连接 **Threaded connection**
- 可与 2.4mm 互联 **Interoperable with 2.4mm connectors**

产品范围 Product Rang

- 卫星通讯设备 **Satellite communication equipment**
- 测试与测量 **Testing and measurement**
- 模块间连接器 **Panel Connector**

连接器界面尺寸
Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.506(.0199)	Φ 0.516(.0203)	Φ 0.7996(.0315)	Φ 0.8076(.0318)
B	Φ 1.8475(.0727)	Φ 1.8525(.0729)	Φ 1.845(.0726)	Φ 1.855(.0730)
C	Φ 4.725(.186)	Φ 4.75(.187)	Φ 4.77(.1878)	Φ 4.795(.1888)
D	Φ 7.01(.276)	Φ 7.11(.2799)	Φ 5.79(0.2280)	Φ 5.915(.2329)
	M 7x0.75-6H		M 7x0.75-6G	
E	Φ 8.032(.3162)	Φ 8.04(.3165)	-	0.05(.0020)
F	0.51(.0201)	0.77(.0303)	2.65(.1043)	-
G	1.85(.0728)	2.45(.0965)	1.37(.0539)	1.63(.0642)
H	3.38(.1331)	3.48(.1370)	3(.1181)	3.1(.1220)
I	4.37(.1720)	4.63(.1823)	4.8(.1890)	5.06(.1992)
L	1.335(.0526)	1.445(.0569)	6(.2362)	-
M	-	0.013(.0005)	-	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm（inches）
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-67GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000mΩ
内导体接触电阻 | Center Contact resistance	≤5mΩ
外导体接触电阻 | Outer contact resistance	≤2.5 mΩ

机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

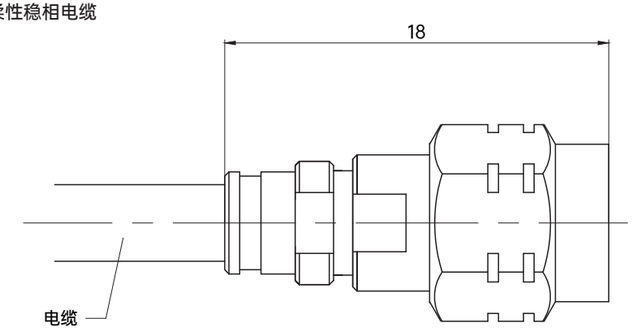
电缆连接器 Cable Connectors

直头、插针 male, female

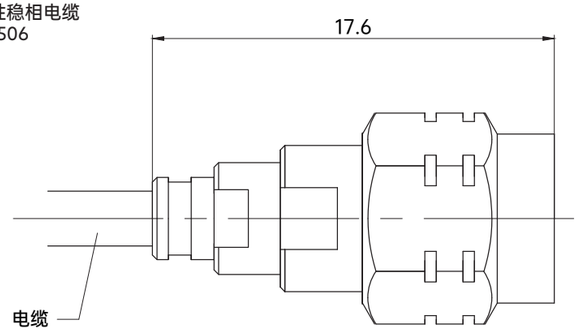
1.85-J360G

1.85-J3506G

1.85-J360G 接 360 柔性稳相电缆
IW 1406



1.85-J3506G 接 3506 柔性稳相电缆
Gore CXN 3506



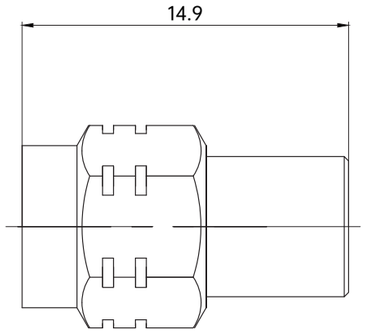
负载 Terminations

插头、插孔 male, female

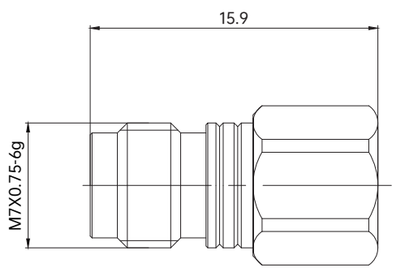
1.85-KR50G

1.85-JR50G

1.85-JR50G
DC-67GHz
VSWR<1.3

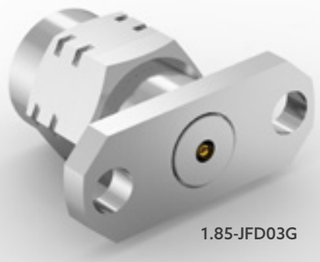


1.85-KR50G
DC-67GHz
VSWR<1.3

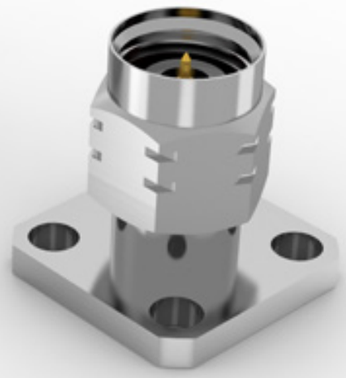


可拆卸式连接器 Panel Connector

插针 male

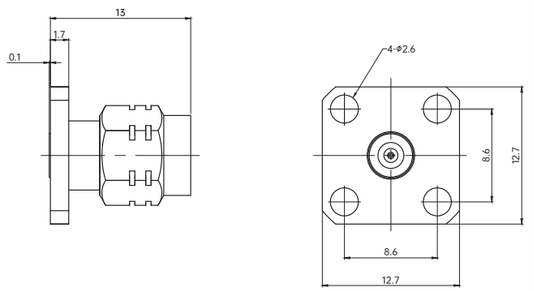


1.85-JFD03G

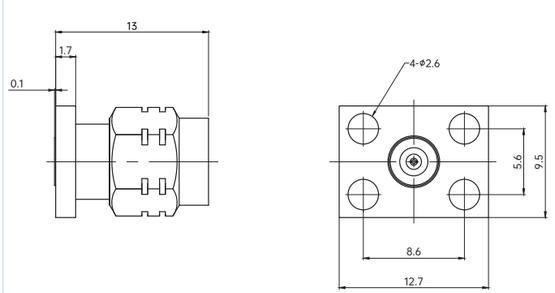


1.85-JFD01G

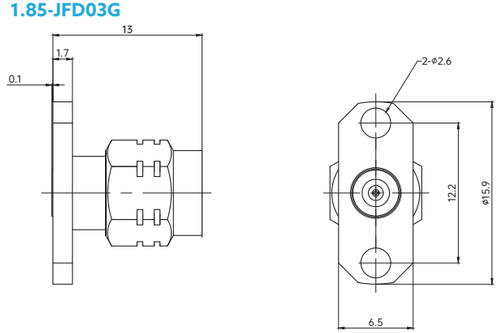
1.85-JFD01G



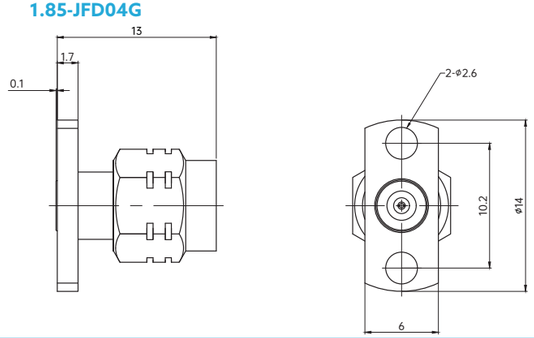
1.85-JFD02G



1.85-JFD03G



1.85-JFD04G



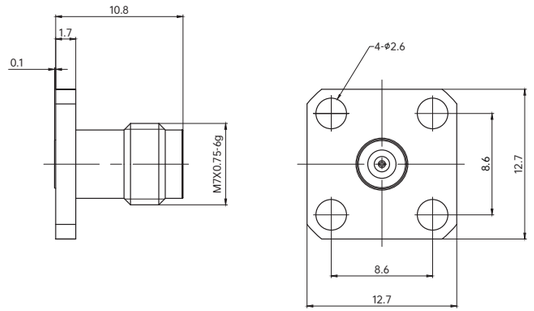
可拆卸式连接器 Panel Connector

插孔 female

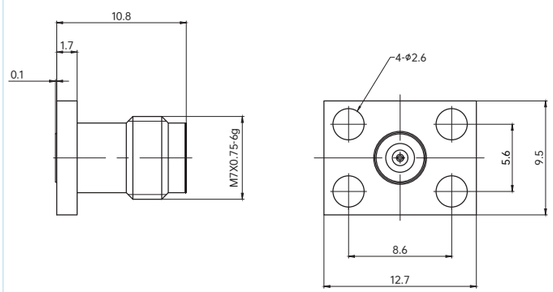
1.85-KFD04G

1.85-KFD02G

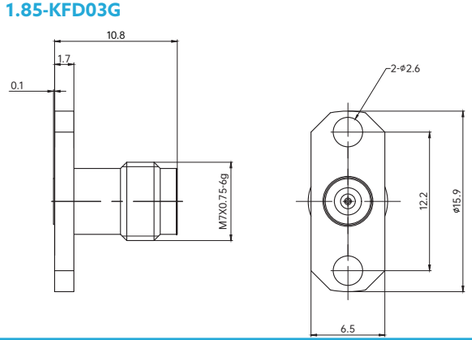
1.85-KFD01G



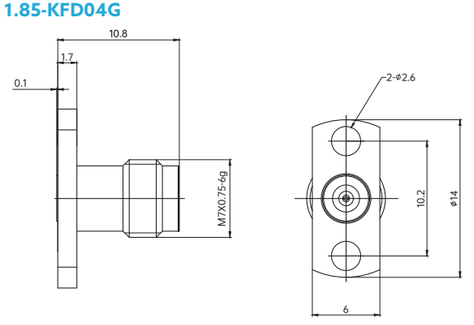
1.85-KFD02G



1.85-KFD03G

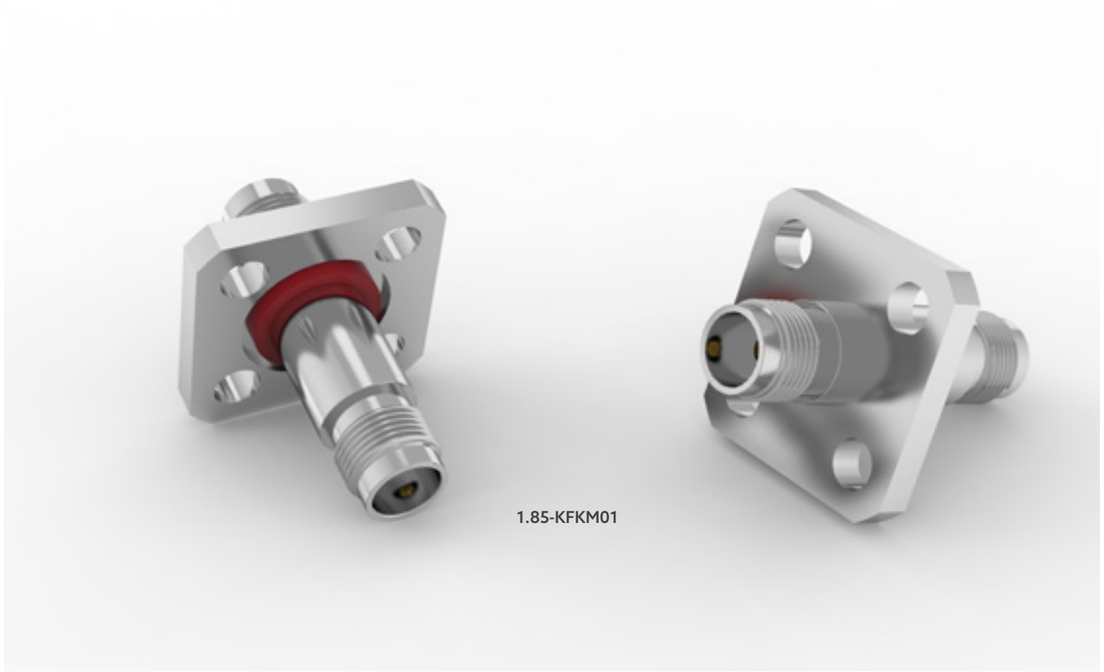


1.85-KFD04G

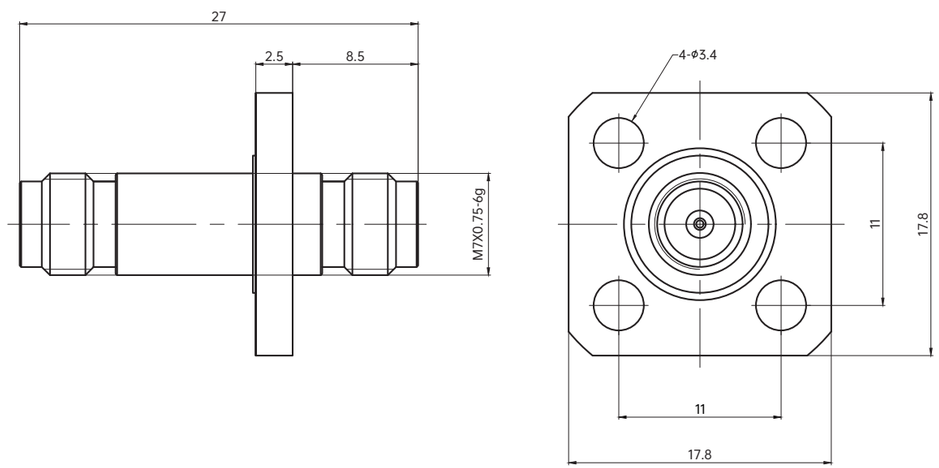


密封连接器 Glass Seal Connectors

玻璃烧结、带法兰 7070 glass, flange



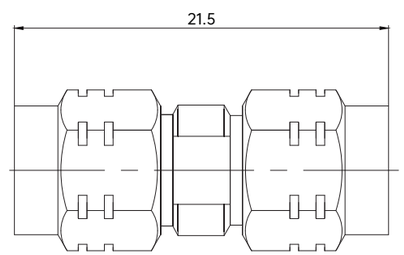
1.85-KFKM01



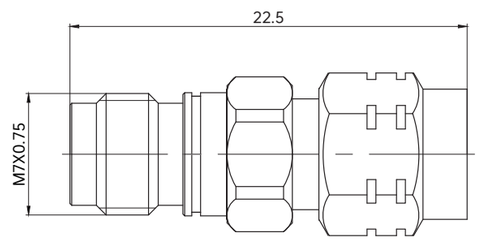
转接器 Adaptors

1.85 转 1.85 1.85/1.85

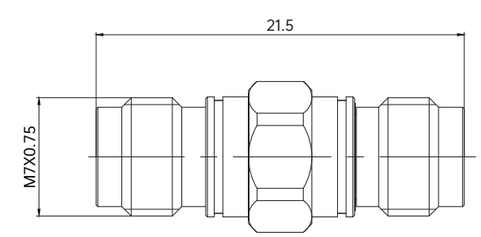
1.85-JJG



1.85-KJG



1.85-KKG



2.4 系列

2.4mm 连接器是 50Ω 精密连接器，工作频率可达 50GHz。比 SMA/2.9mm 的连接器更加的坚固。2.4mm 连接器使用空气介电界面。

2.4mm 可与 1.85mm 连接器互联，SMA/2.9mm 连接器需要通过精密转接器实现互联。2.4mm 连接器界面符合 IEEE 287 标准。

本手册仅展示部分毫米波 2.4 产品，形状、尺寸、材料可根据用户需求定制。

The 2.4mm connector is a 50Ω precision connector that operates at frequencies up to 50 GHz. It is more robust than SMA/2.9mm connectors. The 2.4mm connector uses an air dielectric interface.

The 2.4mm connector can be interconnected with the 1.85mm connector, while the SMA/2.9mm connector requires a precision adapter for interconnection. The 2.4mm connector interface complies with the IEEE 287 standard.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

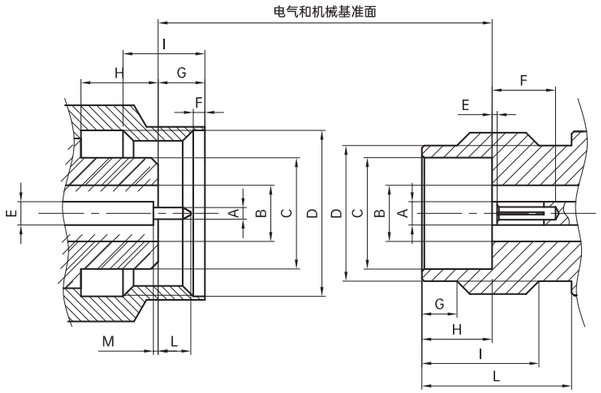
功能 Features

- 最高工作频率 50GHz **Frequency range up to 50Ghz**
- 螺纹式连接 **Threaded connection**
- 可与 1.85mm 互联 **Interoperable with 1.85mm connectors**

产品范围 Product Rang

- 仪器与仪表 **Instruments and meters**
- 测试与测量 **Testing and measurement**
- 模块间连接器 **Panel Connector**

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.506(.0199)	Φ 0.516(.0203)	Φ 1.0383(.0409)	Φ 1.0463(.0412)
B	Φ 2.395(.0943)	Φ 2.405(.0947)	Φ 2.395(.0943)	Φ 2.405(.0947)
C	Φ 4.725(.1860)	Φ 4.75(.1870)	Φ 4.77(.1878)	Φ 4.795(.1888)
D	Φ 7.01(.2760)	Φ 7.11(.2799)	Φ 5.79(.2280)	Φ 5.915(.2329)
	M 7x0.75-6H		M 7x0.75-6G	
E	Φ 1.0383(.0409)	Φ 1.0463(.0412)		0.013(.0005)
F	0.51(.0201)	0.77(.0303)	2.65(.1043)	-
G	1.85(.0728)	2.45(.0965)	1.37(.0539)	1.63(.0642)
H	3.38(.1331)	3.48(.1370)	3(.1181)	3.1(.1220)
I	4.37(.1720)	4.63(.1823)	4.8(.1890)	5.06(.1992)
L	1.335(.0526)	1.445(.0569)	6(.2362)	-
M	-	0.013(.0005)	-	-

备注： 1）尺寸单位为 mm(inch) Dimensions are in mm（inches）
2）插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-50GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000mΩ
内导体接触电阻 | Center Contact resistance	≤5mΩ
外导体接触电阻 | Outer contact resistance	≤2.5 mΩ

机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

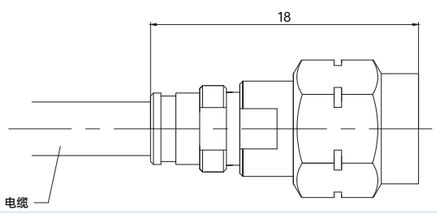
电缆连接器 Cable Connectors

插针、插孔 male, female

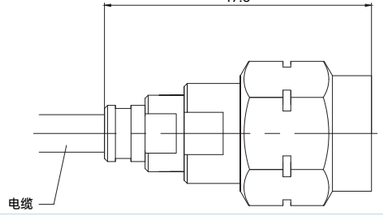
2.4-K360G

2.4-J3507G

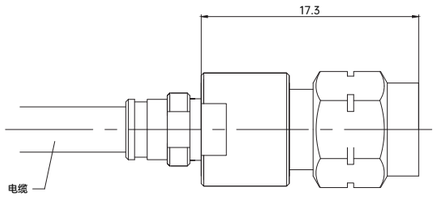
2.4-J360G 插针、360 柔性稳相电缆
Male, IW 1406



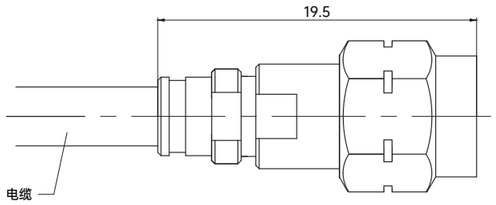
2.4-J3506G 插针、接 3506 柔性稳相电缆
Male, Gore CXN 3506



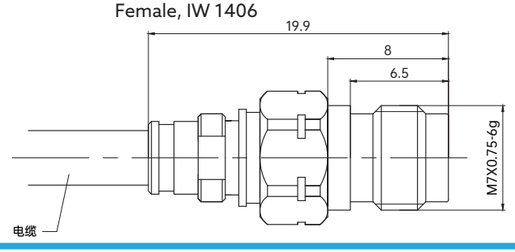
2.4-J360TG 插针、接 360 柔性稳相电缆
Male, IW 1406



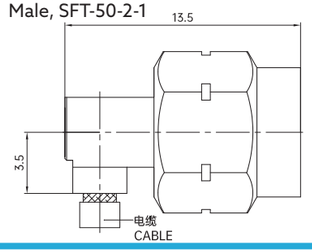
2.4-J3507G 插针、接 3507 柔性稳相电缆
Male, Gore CXN 3507



2.4-K360G 插孔、接 360 柔性稳相电缆
Female, IW 1406

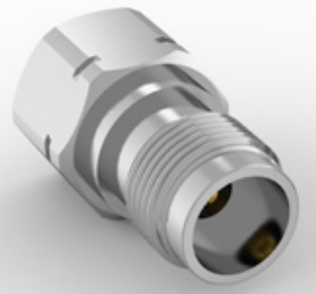


2.4-JWB2G-1 插针、接 SFT-50-2-1 柔性稳相电缆
Male, SFT-50-2-1

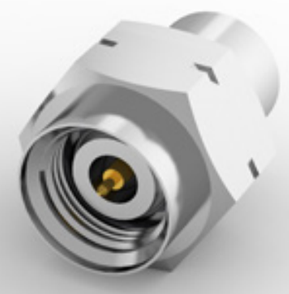


负载 Terminations

插头、插孔 male, female

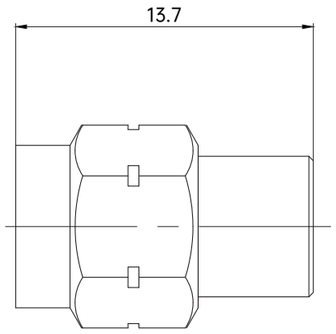


2.4-KR50G

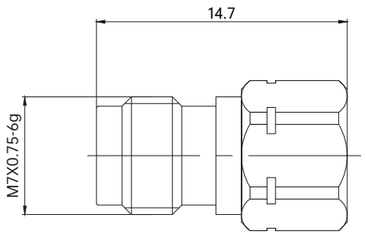


2.4-JR50G

2.4-JR50G
DC-50GHz
VSWR<1.3

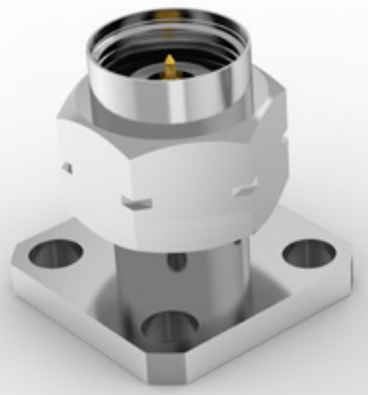


2.4-KR50G
DC-50GHz
VSWR<1.3

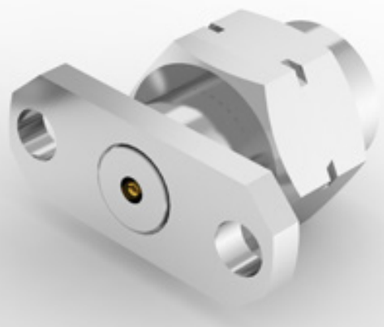


可拆卸式连接器 Panel Connector

插针 male

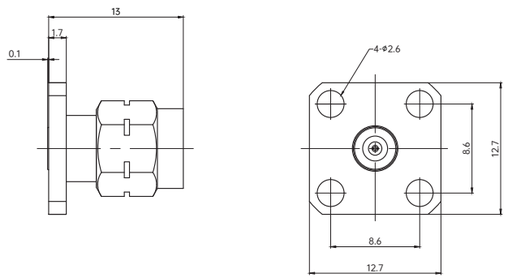


2.4-JFD01G

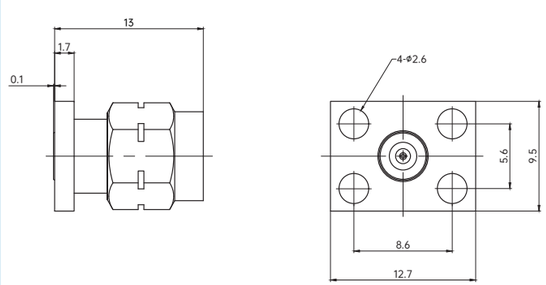


2.4-JFD03G

2.4-JFD01G



2.4-JFD02G



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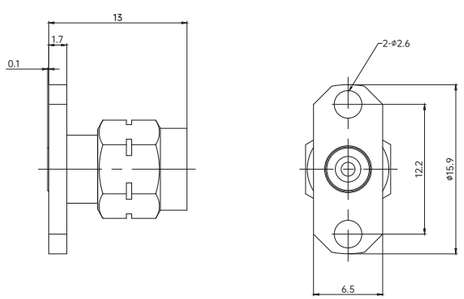
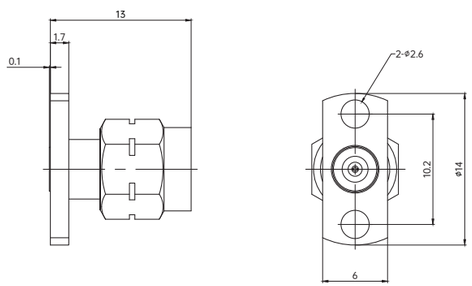
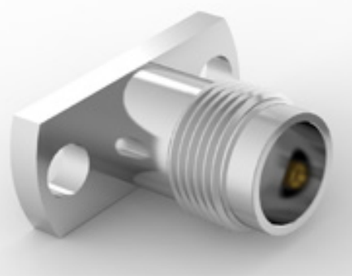


2.4-JFD04G



可拆卸式连接器 Panel Connector

插孔 female



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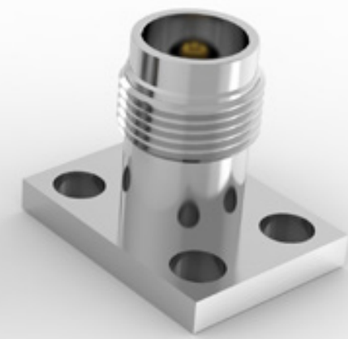
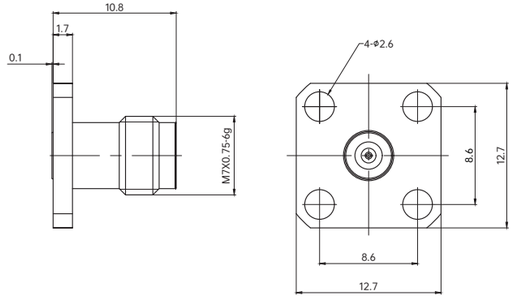


2.4-KFD02G

2.4-KFD01G



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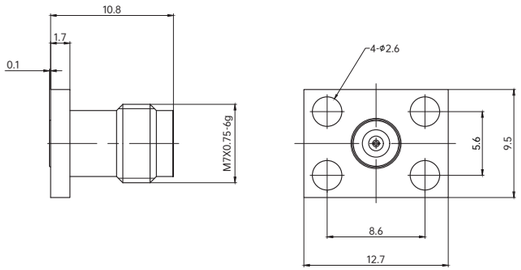

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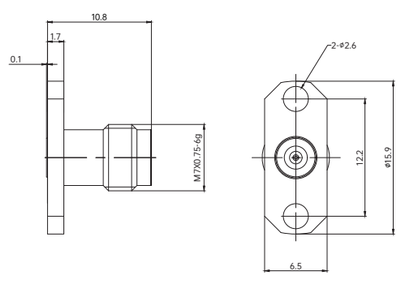
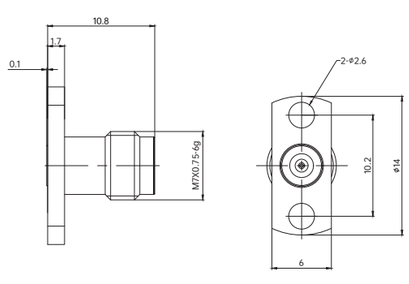
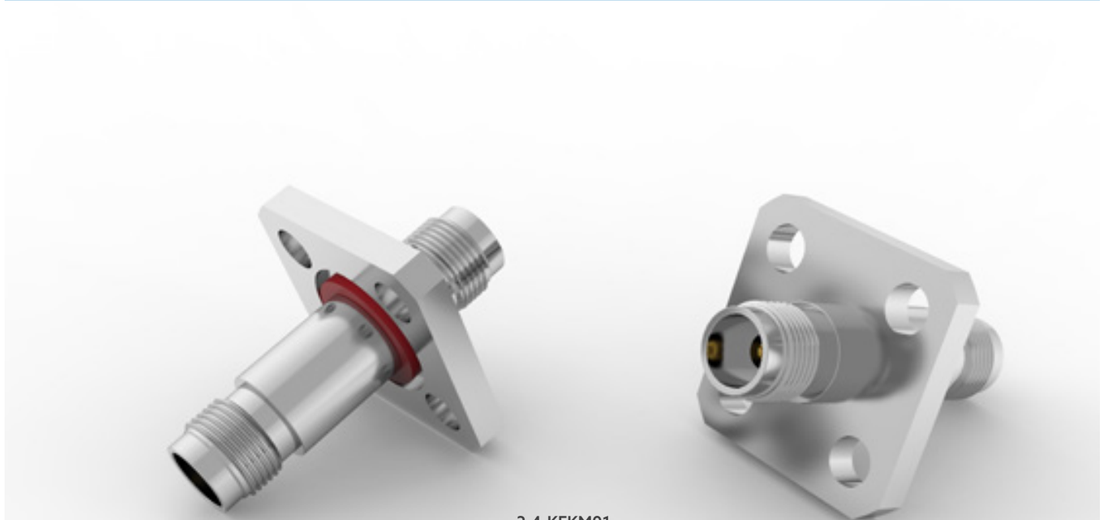


2.4-KFD04G



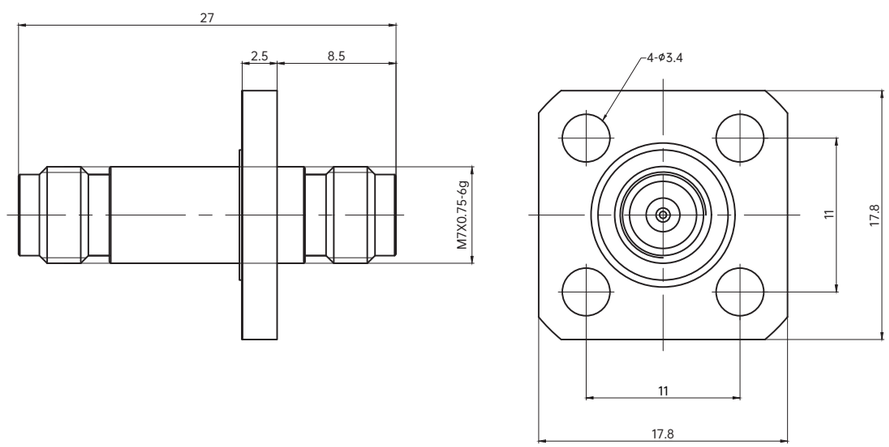
密封连接器 Glass Seal Connectors

玻璃烧结、带法兰 7070 glass, flange



2.4-KFKM01

2.4-KFKM01



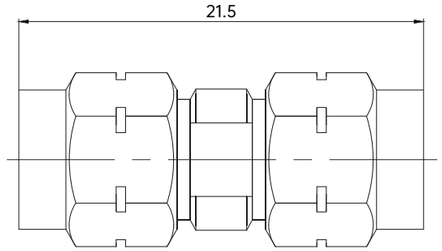
转接器 Adaptors

2.4 转 2.4 2.4/2.4

2.4-JJG

2.4-KKG

2.4-JJG



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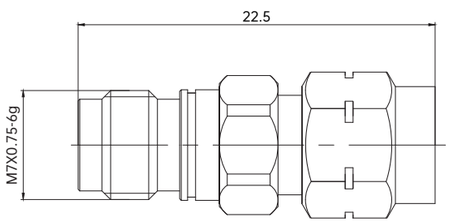
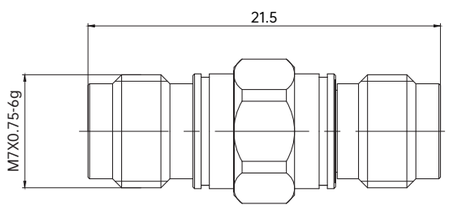


2.4-KKG



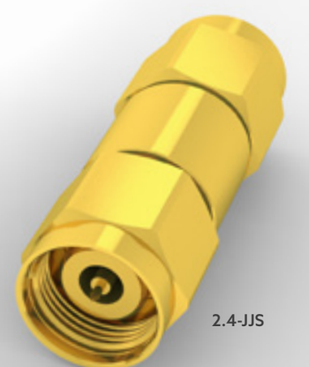
转接器 Adaptors

2.4 转 2.4 2.4/2.4 测试校准级 2.4/2.4, test & calibration grade

频率	Frequency	DC-25GHz	DC-50GHz
回波损耗	VSWR	<1.1	<1.2
插入损耗	Insert Loss	<0.25dB	<0.55dB
测试型号	Test connector	2.4-KKS	

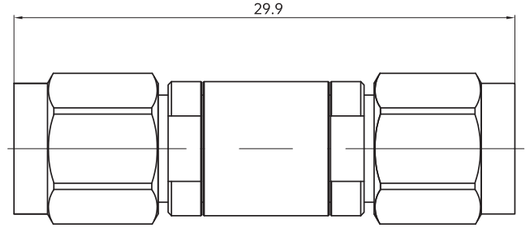
* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

2.4-KKS

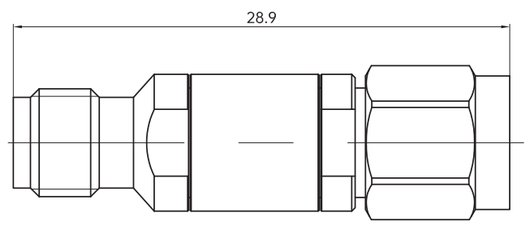


2.4-JJS

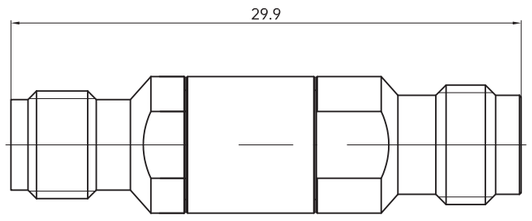
2.4-JJS



2.4-KJS



2.4-KKS



2.4mm

2.92 系列

2.92 连接器是具有优良性能的毫米波连接器，工作频率可达 40GHz。该连接器可以和 SMA 和 3.5mm 连接器互联。2.92 插针的设计比 SMA 和 3.5mm 的更短，端面的厚度也比 SMA 更厚。可以确保在插合过程中，不会因为错位而出现过度磨损和配合应力。

连接器界面符合 IEC61169-35 与 IEEE 287 标准，是高频模块和 T&M 应用的理想选择。

本手册仅展示部分毫米波 2.92 产品，形状、尺寸、材料可根据用户需求定制。

The 2.92mm connector is an excellent millimeter-wave connector that operates at frequencies up to 40 GHz. This connector can be interconnected with SMA and 3.5mm connectors. The 2.92mm pin design is shorter than that of SMA and 3.5mm, and the end face is thicker than SMA. This ensures that there will be no excessive wear and mating stress due to misalignment during the mating process.

The connector interface complies with IEC 61169-35 and IEEE 287 standards, making it an ideal choice for high-frequency modules and T&M (Testing & Measurement) applications.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

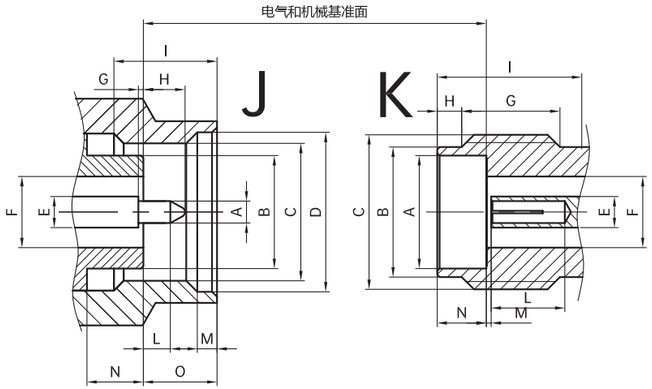
功能 Features

- 最高工作频率 40GHz Frequency range up to 40Ghz
- 小型轻量级连接器 Extremly small dimensions
- 高密度盲插拔 hig- density Blind-mating

产品范围 Product Rang

- 仪器与仪表 **Instruments and meters**
- 测试与测量 **Testing and measurement**
- 模块间连接器 **Panel Connector**

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.906(.0357)	Φ 0.922(.0363)	Φ 4.597(.181)	Φ 4.628(.182)
B	Φ 4.547(.1790)	Φ 4.577(.1802)	Φ 5.28(.2079)	Φ 5.46(.2105)
C	1/4-36UNS-2B		1/4-36UNS-2A	
D	Φ 6.54(.2575)	Φ 6.57(.2587)	-	-
E	Φ 1.268(.0499)	Φ 1.273(.0501)	Φ 1.268(.0499)	Φ 1.273(.0501)
F	Φ 2.915(.1148)	Φ 2.925(.1152)	Φ 2.915(.1148)	Φ 2.925(.1152)
G	-	0.05(.002)	3.35(.1319)	4.62(.1819)
H	1.39(.0547)	1.65(.065)	0.38(.0150)	1.14(.0449)
I	3.43(.135)	4.01(.158)	5.54(.2181)	-
L	1.02(.0402)	-	2.79(.1098)	-
M	0.38(.015)	1.14(.0449)	-	0.013(.0005)
N	2.29(.0902)	-	1.88(.074)	1.98(.078)
O	2.36(.0929)	3.56(.1402)	-	-

备注： 1）尺寸单位为 mm(inch) Dimensions are in mm（inches）
2）插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-40GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000mΩ
内导体接触电阻 | Center Contact resistance	≤5mΩ
外导体接触电阻 | Outer contact resistance	≤2.5 mΩ

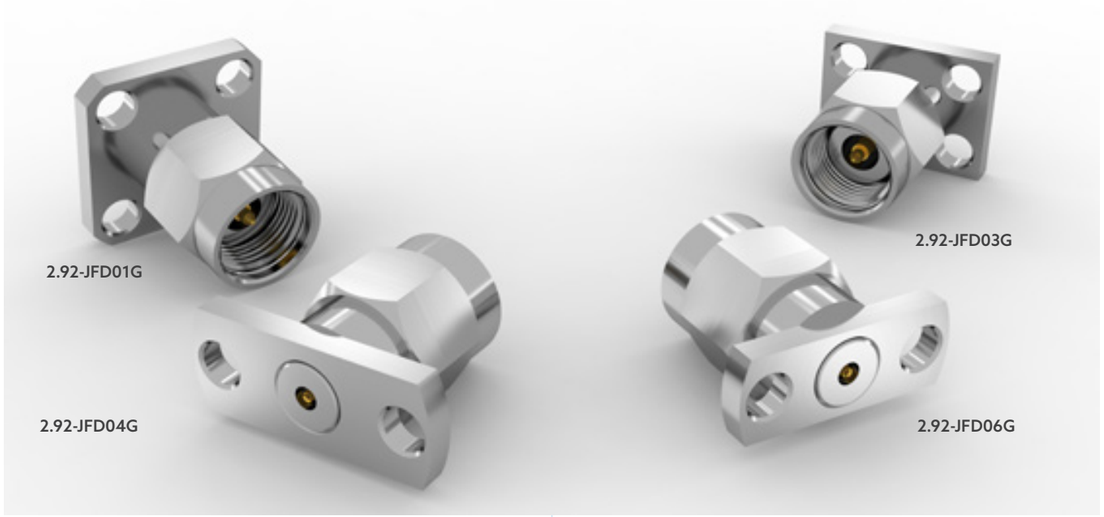
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

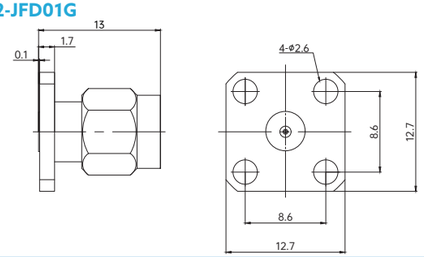
材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

可拆卸式连接器 Panel Connector

插针、可接微带、带法兰 male, microstrip, flange



2.92-JFD01G



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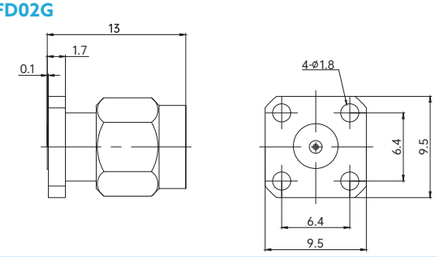

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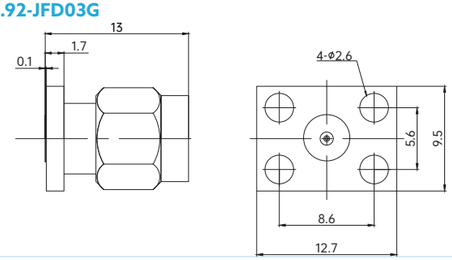

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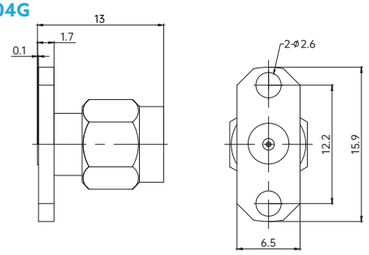

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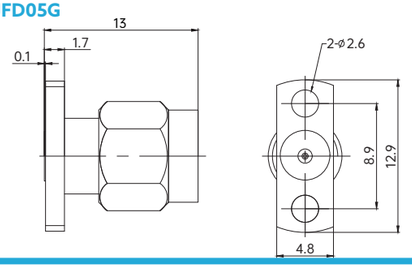
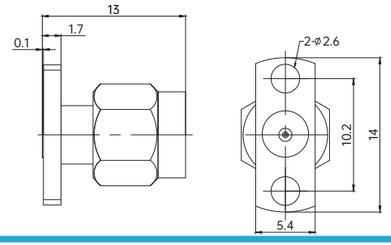


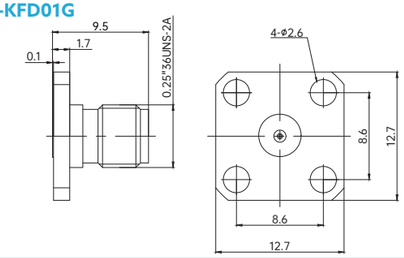
2.92-JFD06G



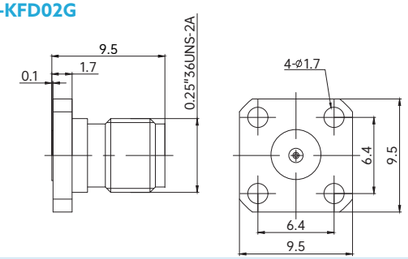
可拆卸式连接器 Panel Connector

插孔、可接微带、带法兰 female, microstrip, flange

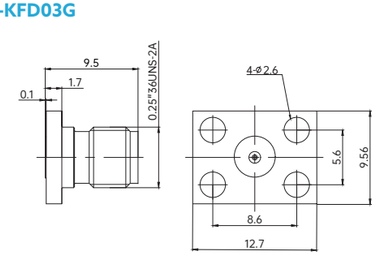
2.92-KFD01G



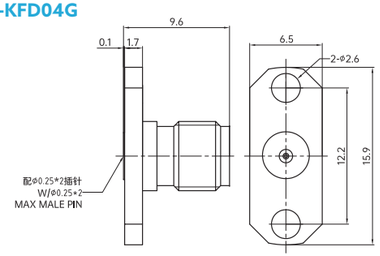
2.92-KFD02G



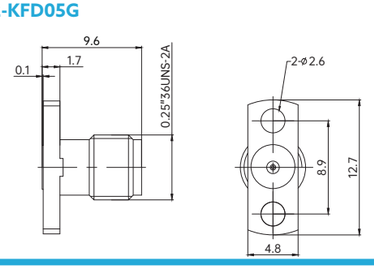
2.92-KFD03G



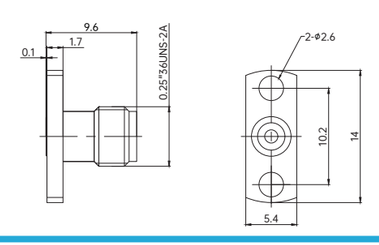
2.92-KFD04G



2.92-KFD05G

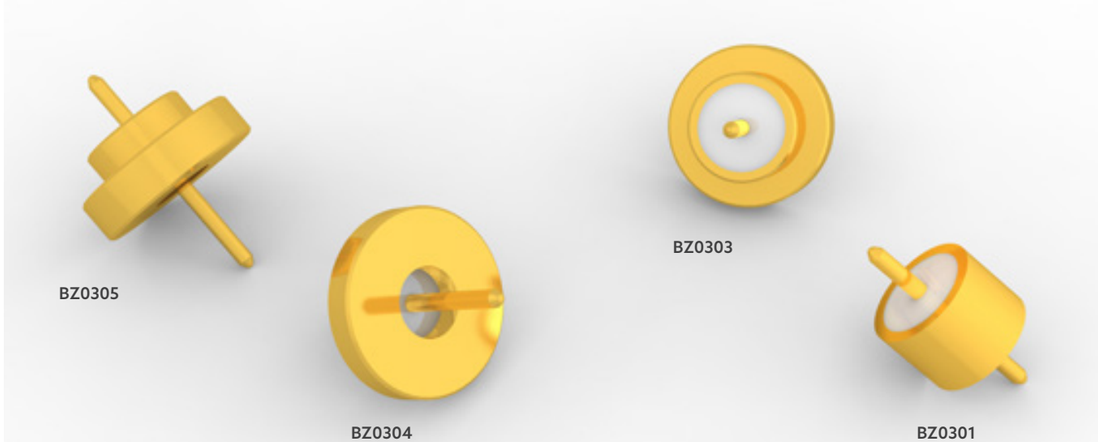


2.92-KFD6G

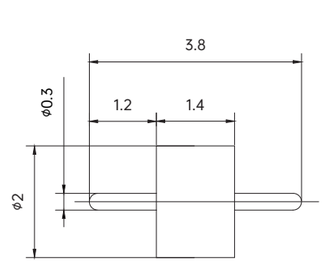


玻璃绝缘子 Glass Seal Connectors

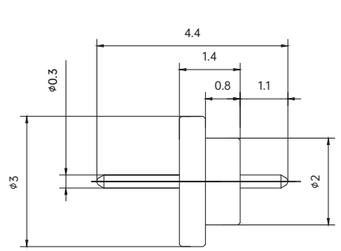
插针、玻璃烧结介质 male, 7070 glass



BZ0301



BZ0302



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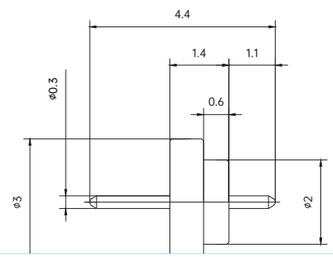
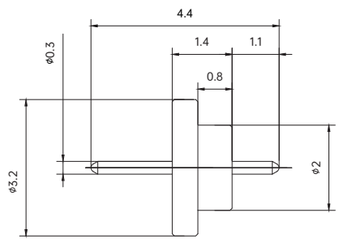
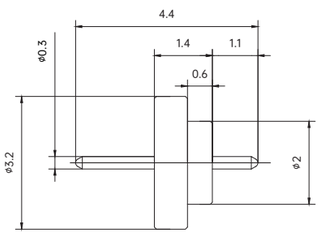


BZ0304



BZ0305

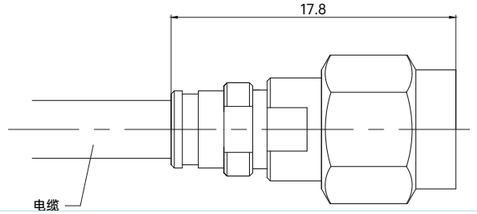


电缆连接器 Cable Connectors

插针、插孔、带法兰 male, female, flange

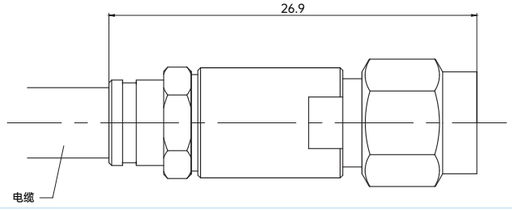
2.92-J360G 接 360 柔性稳相电缆 IW 1406

2.92-J3506G 接 3506 柔性稳相电缆 Gore CXN 3506

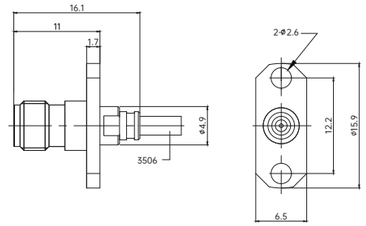


2.92-J450G 接 450 柔性稳相电缆 UFB197C

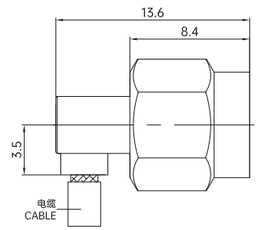
2.92-J3449G 接 3449 柔性稳相电缆孔 Gore CXN 3449



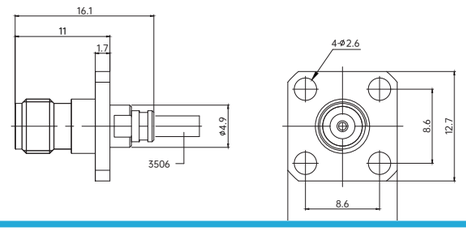
2.92-KF3506G-1 接 3506 柔性稳相电缆孔 Gore CXN 3506



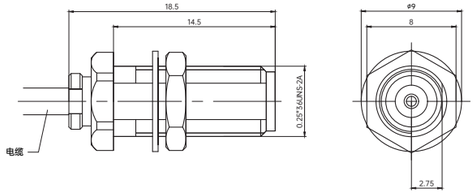
2.92-JW3506G 接 3506 柔性稳相电缆 Gore CXN 3506



2.92-KF3506G 接 3506 柔性稳相电缆
Gore CXN 3506



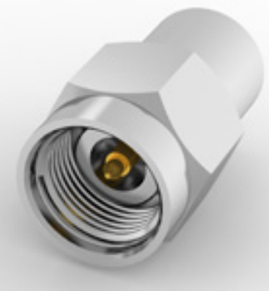
2.92-KY3506G 接 3506 柔性稳相电缆
Gore CXN 3506



负载 Terminations

插头、插孔 male, female

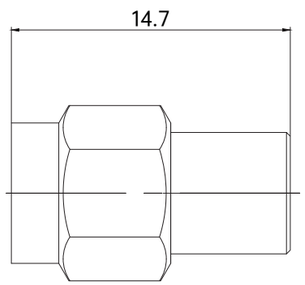
2.92-KR50G



2.92-JR50G

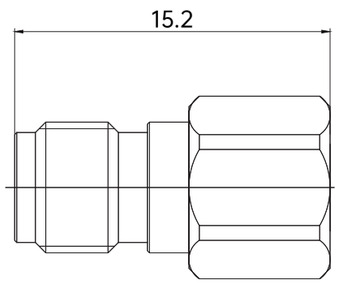
2.92-JR50G

DC-40GHz
VSWR<1.3



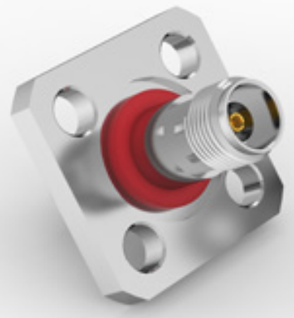
2.92-KR50G

DC-40GHz
VSWR<1.3



密封转接器 Glass Seal Connectors

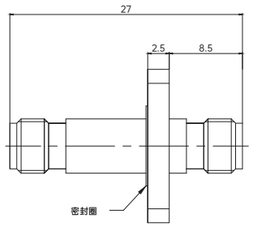
玻璃烧结、带法兰 7070 glass, flange

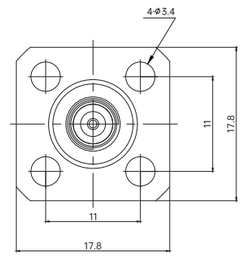


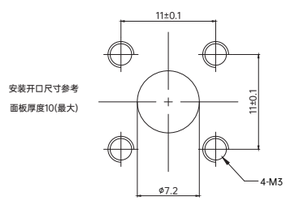
2.92-KFKM01

2.92-JFKM

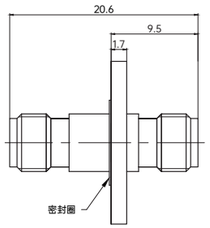
2.92-KFKM01

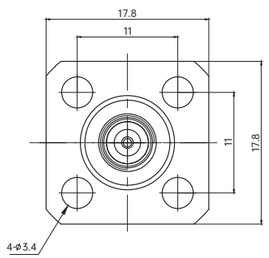




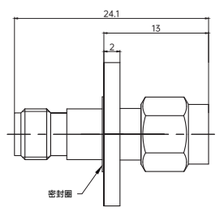


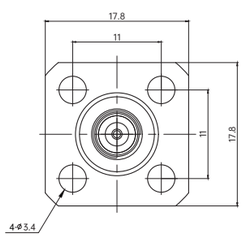
2.92-KFKM02





2.92-JFKM

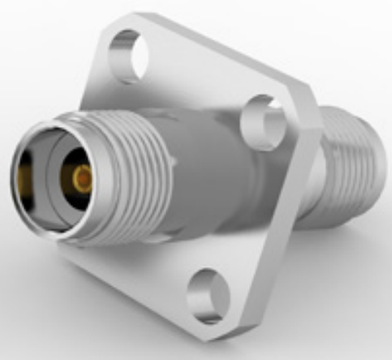




转接器 Adaptors

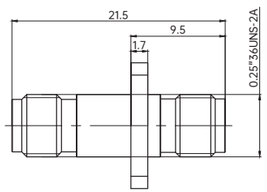
带法兰、螺母 flange, hexagonal flange

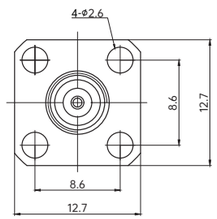
2.92/2.92-KYKG



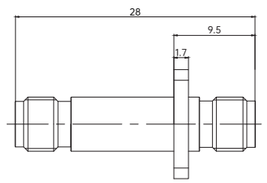
2.92/2.92-KFKG

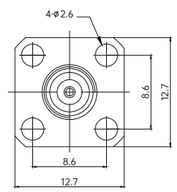
2.92/2.92-KFK 法兰 flange



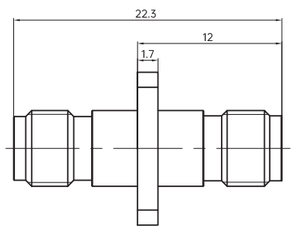


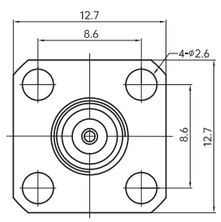
2.92/2.92-KFKG-1 法兰 flange



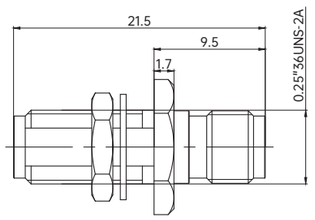


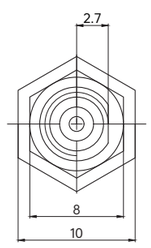
2.92/2.92-KFK-2 法兰 flange





2.92/2.92-KYKG 六角螺母 hexagonal flange





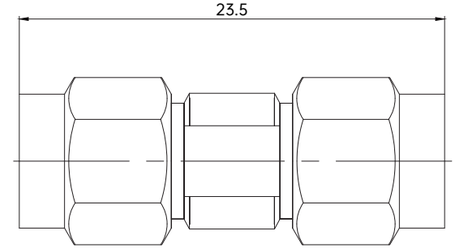
转接器 Adaptors

2.92 转 2.92 2.92/2.92

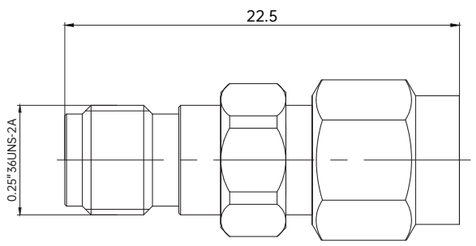
2.92-JJG

2.92-KKG

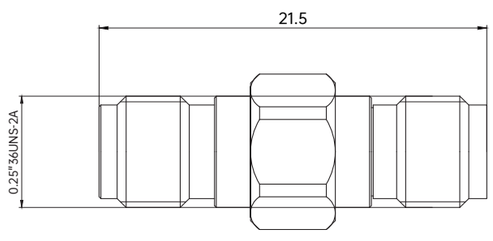
2.92-JJG



2.92-KJG



2.92-KKG



转接器 Adaptors

2.92 转 2.92、测试校准级 2.92/2.92, test & calibration Grade

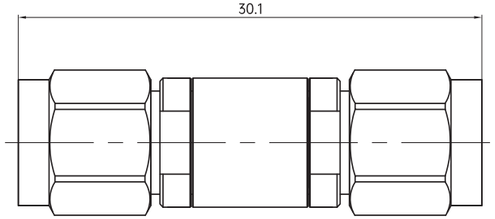
频率	Frequency	DC-20GHz	DC-40GHz
回波损耗	VSWR	<1.15	<1.2
插入损耗	Insert Loss	<0.25dB	<0.35dB
测试型号	Test Connector	2.92-JJS	

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

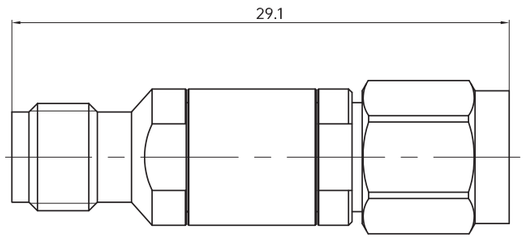
2.92-JJS

2.92-KKS

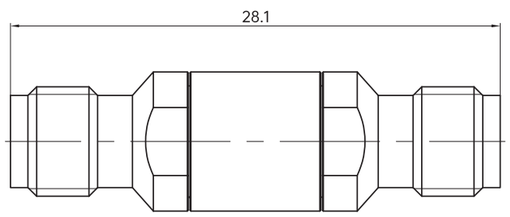
2.92-JJS



2.92-KJS



2.92-KKS



3.5 系列

3.5mm 连接器是具有优良性能的毫米波连接器，工作频率可达 33GHz，采用空气介电界面。该连接器可以和 SMA 和 2.92mm 连接器互联。因为 3.5mm 与 SMA 连接器结构设计的不同，导致在连接时内导体会先于外壳接触，所以在互联 3.5mm/SMA 时需要注意过度的磨损与配合应力。

连接器界面符合 IEEE 287 标准，是常用于仪器测试、高新能系统、相关配件与校准。

本手册仅展示部分毫米波 3.5 产品，形状、尺寸、材料可根据用户需求定制。

The 3.5mm connector is an excellent millimeter-wave connector that operates at frequencies up to 33 GHz, utilizing an air dielectric interface. This connector can be interconnected with SMA and 2.92mm connectors. Due to the structural design differences between the 3.5mm and SMA connectors, the inner conductor will make contact before the outer shell during connection. Therefore, care must be taken to avoid excessive wear and mating stress when interconnecting 3.5mm/SMA connectors.

The connector interface complies with the IEEE 287 standard and is commonly used in instrument testing, high-energy systems, related accessories, and calibration.

This manual only displays a portion of the SMP products; shape, size, and material can be customized according to user requirements.

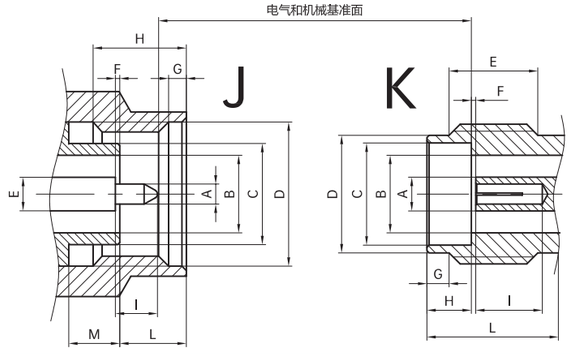
功能 Features

- 最高工作频率 33GHz Frequency range up to 33Ghz
- 低射频泄露 Low RF leakage
- 特性抗阻 50Ω Impedance of 50Ω

产品范围 Product Rang

- 卫星通讯设备 Satellite communication equipment
- 仪器与仪表 Instruments and meters
- 测试与测量 Testing and measurement

连接器界面尺寸 Interface Dimensions



	J 插针 Male		K 插孔 Female	
	最小 min.	最大 max.	最小 min.	最大 max.
A	Φ 0.919(.0362)	Φ 0.935(.0368)	Φ 1.5179(.0598)	Φ 1.5219(.0599)
B	Φ 1.5149(.0596)	Φ 1.5249(.0600)	Φ 3.497(.1377)	Φ 3.5025(.1379)
C	Φ 4.547(.1790)	Φ 4.577(.1802)	Φ 4.597(.1810)	Φ 4.628(.1822)
D	1/4-36 UNS-2B		1/4-36 UNS-2A	
D	Φ 6.38(.2512)	Φ 6.73(.2650)	Φ 5.28(.2079)	Φ 5.46(.2150)
E	Φ 1.5174(.0597)	Φ 1.5224(.0599)	3.35(.1319)	4.62(.1819)
F	-	0.05(.0020)	-	0.013(.0005)
G	0.745(.0293)	0.775(.0305)	0.38(.0150)	1.14(.0449)
H	3.43(.1350)	4.01(.1579)	1.88(.0740)	1.98(.0780)
I	2.41(.0949)	2.67(.1051)	2.79(.1098)	-
L	2.36(.0929)	3.56(.1402)	5.54(.2181)	-
M	2.29(.0902)	-	-	-

备注： 1) 尺寸单位为 mm(inch) Dimensions are in mm (inches)
2) 插合时应满足反射系数、插合特性和连接器耐久性的要求 Form and dimension of outer conductor to meet electrical and mechanical requirements.

技术数据 Tech Sepc

执行标准 | Applicable standards	
界面标准 |Interface According to	MIL-STD-348B, Fig 321 GJB 5246-2004

电性能 | Electrical data	
特性阻抗 | Impedance	50Ω
频率范围 | Frequency Range	DC-33GHz
电压驻波比 | VSWR	≤1.1 + 0.01F (GHz)
插损 | Insertion loss	≤ 0.03√f (GHz)
绝缘电阻 | Insulation resistance	≥5000mΩ
内导体接触电阻 | Center Contact resistance	≤.75mΩ
外导体接触电阻 | Outer contact resistance	≤2.5 mΩ

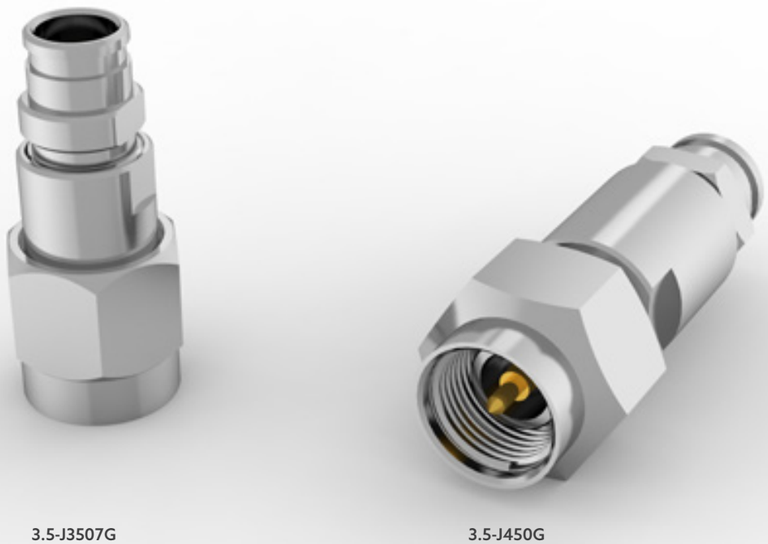
机械性能 | Mechanical Data	
插拔次数 | Mating cycle	≥500 次

环境性能 | Environmental Data	
工作温度 | Temperature range	-65°C - +155°C
震动 | Vibration	GJB360B 方法 204
耐湿 | Moisture resistance	GJB360B 方法 106
冲击 | Shock	GJB360B 方法 213
温度冲击 | Thermal shock	GJB360B 方法 107

材料 | Materials	
外接触件 | Outer Contact	铜合金 / 不锈钢 Copper Alloys/Stainless Steel
弹性接触件 | Spring loaded contact parts	铍青铜 CuBe
绝缘介质 | Dielectric	聚四氟乙烯 PTFE
弹性接触件涂覆 | Plating Outer Contact	金 Au
外接触件涂覆 | Plating Outer Contact	金 Au

电缆连接器 Cable Connectors

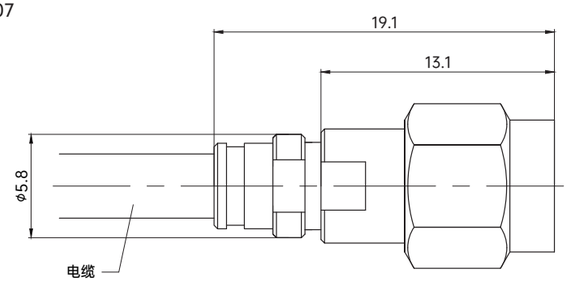
插针、直头 male, straight



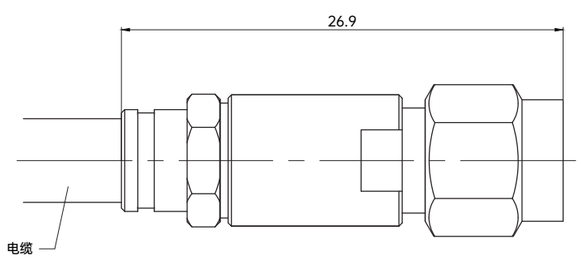
3.5-J3507G

3.5-J450G

3.5-J3507G 接 3507 柔性稳相电缆
Gore CXN 3507



3.5-J450G 接 450 柔性稳相电缆
MICRO-COAX UFB197C



转接器 Adaptors

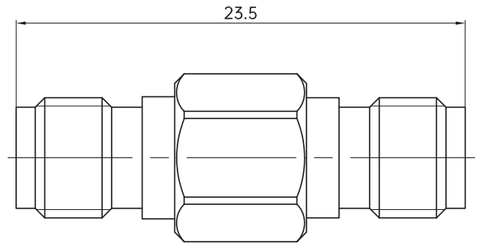
3.5 转 3.5 3.5/3.5

3.5-JJG

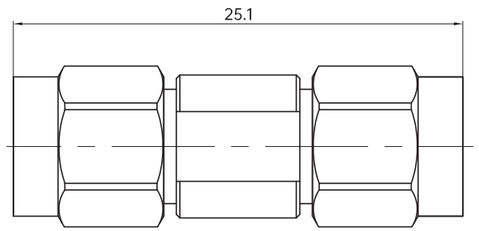
3.5-KFKG

3.5-KKG

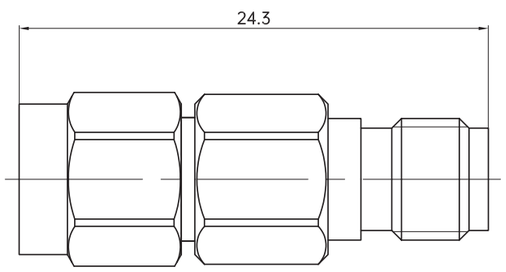
3.5-KKG



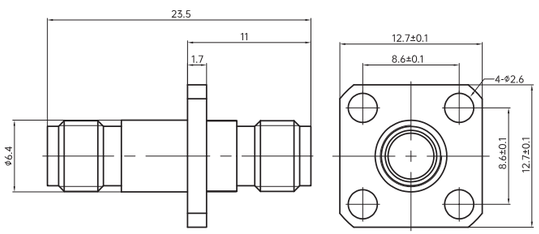
3.5-JJG



3.5-KJG



3.5/3.5-KFKG-1 法兰 flange



转接器 Adaptors

3.5 转 3.5, 测试校准级 3.5/3.5 test & calibration Grade

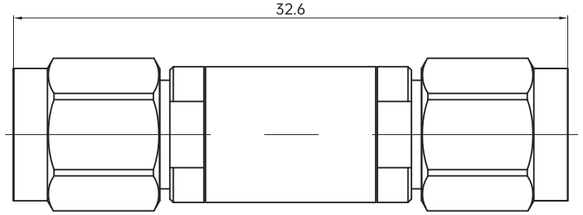
频率	Frequency	DC-15GHz	DC-33GHz
回波损耗	VSWR	<1.1	<1.2
插入损耗	Insert Loss	<0.2dB	<0.5dB
测试型号	Test connector	3.5-JJS	

* 典型测试值，各型号性能可能存在差异
Typical test result, variations may occur across models

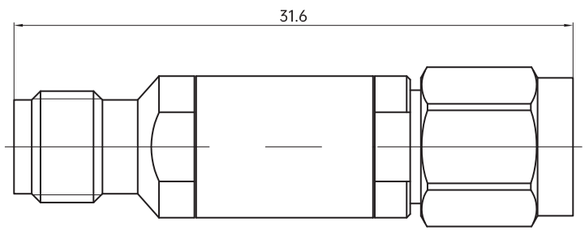
3.5-KKS

3.5-JJS

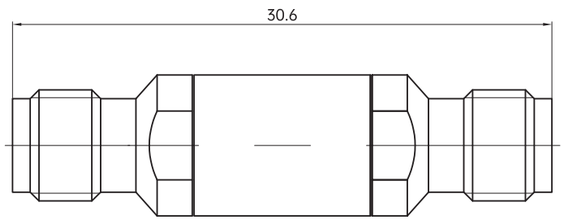
3.5-JJS



3.5-KJS



3.5-KKS



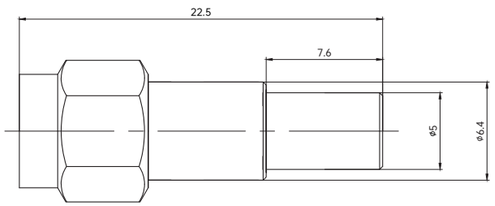
转接器 Adaptors

SMA 转 SMP SMA/SMP

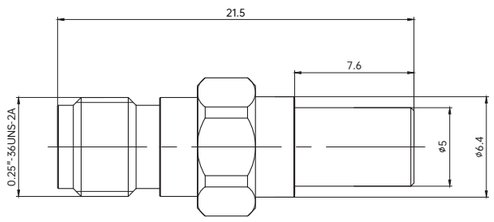
SMA/SMP-JK

SMA/SMP-KJ

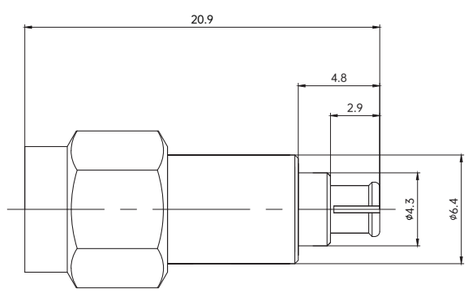
SMA/SMP-JJ



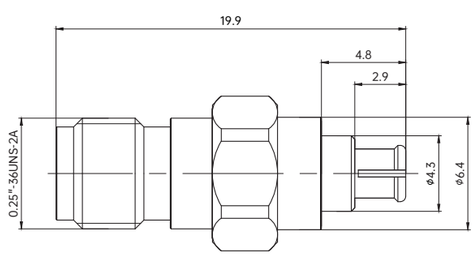
SMA/SMP-KJ



SMA/SMP-JK



SMA/SMP-KK



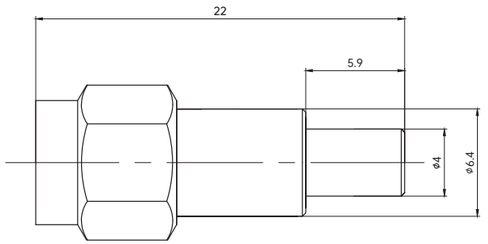
转接器 Adaptors

SMA 转 SSMP SMA/SSMP

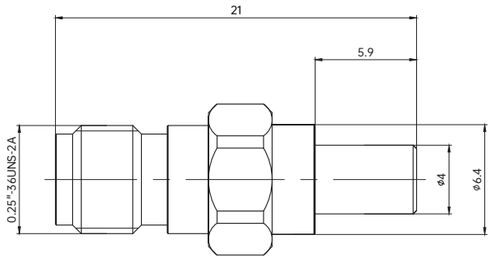
SMA/SSMP-KK

SMA/SSMP-JJ

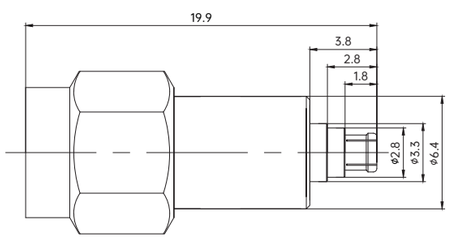
SMA/SSMP-JJ



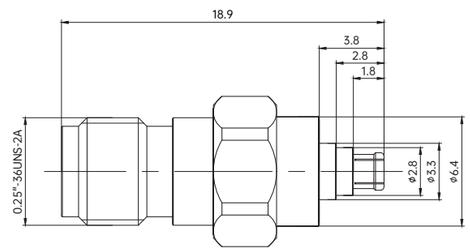
SMA/SSMP-KJ



SMA/SSMP-JK



SMA/SSMP-KK



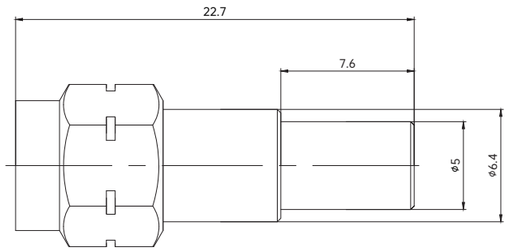
转接器 Adaptors

2.4 转 SMP 2.4/SMP

2.4/SMP-JK

2.4/SMP-KJ

2.4/SMP-JJ



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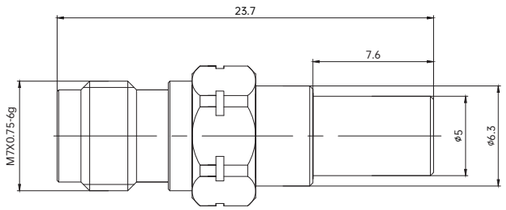

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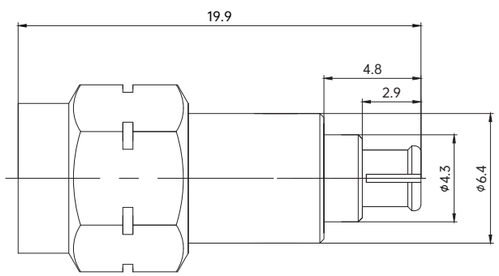
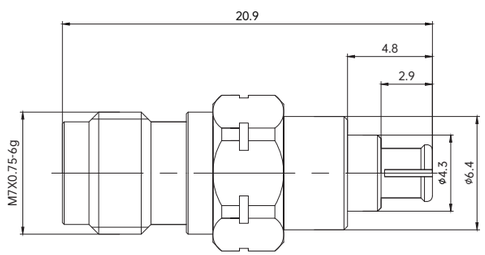


2.4/SMP-KK



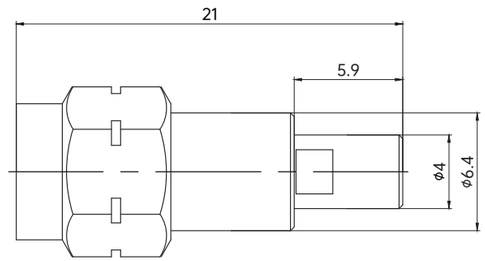
转接器 Adaptors

2.4 转 SSMP 2.4/SSMP

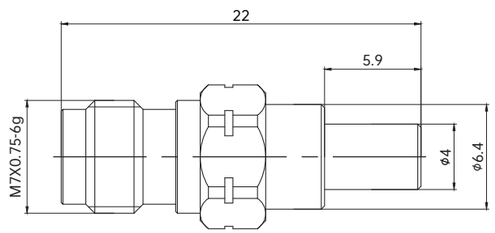
2.4/SSMP-JJ

2.4/SSMP-KK

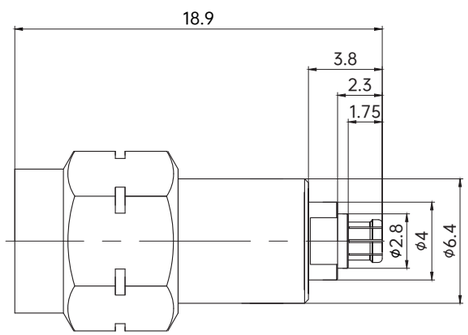
2.4/SSMP-JJ



2.4/SSMP-KK



2.4/SSMP-JK



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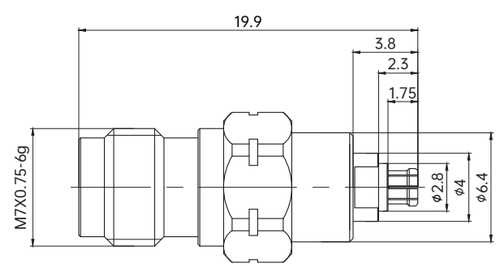


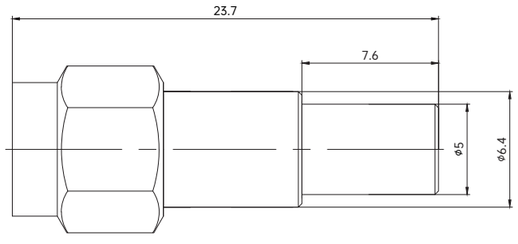
转接器 Adaptors

2.92 转 SMP 2.92/SMP

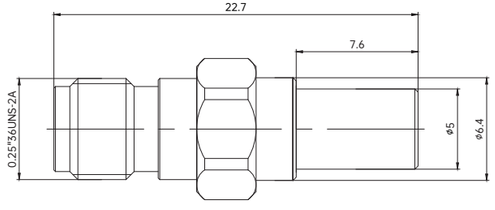
2.92/SMP-JK

2.92/SMP-JJ

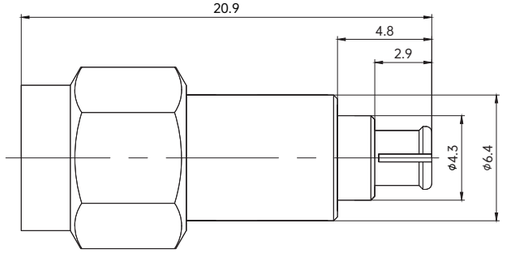
2.92/SMP-JJ



2.92/SMP-KJ



2.92/SMP-JK



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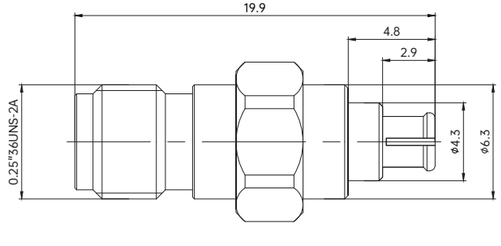


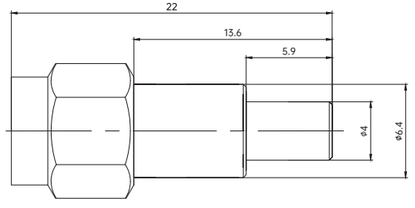
转接器 Adaptors

2.92 转 SSMP 2.92/SSMP

2.92/SSMP-KK

2.92/SSMP-KJ

2.92/SSMP-JJ



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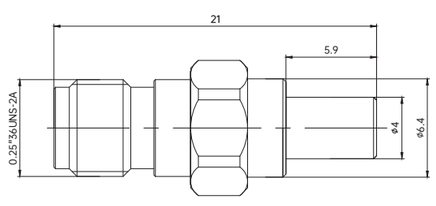

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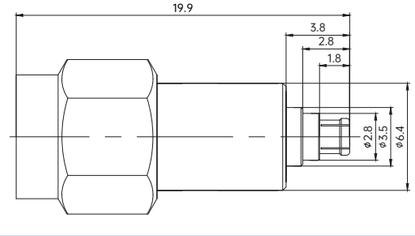

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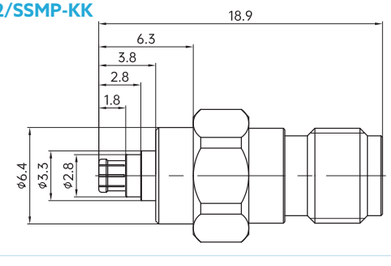

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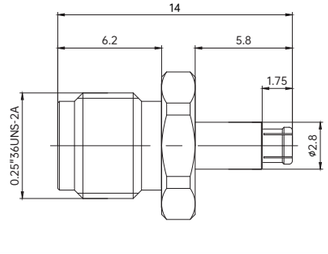


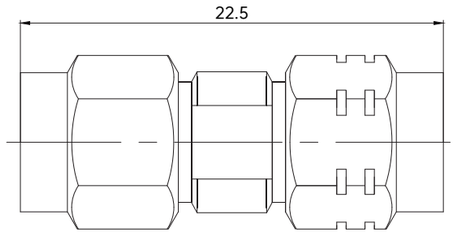
转接器 Adaptors

2.92 转 1.85 2.92/1.85

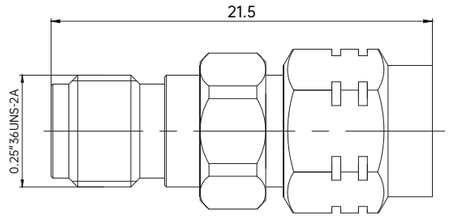
2.92/1.85-KK

2.92/1.85-JK

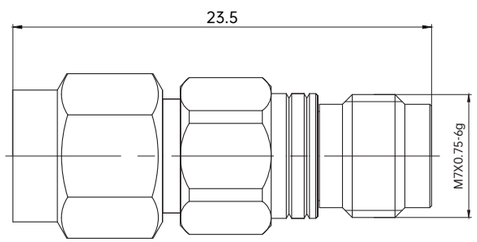
2.92/1.85-JJ



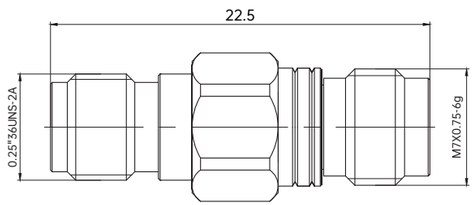
2.92/1.85-KJ



2.92/1.85-JK



2.92/1.85-KK



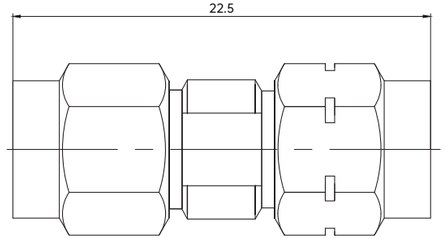
转接器 Adaptors

2.92 转 2.4 2.92/2.4

2.92/2.4-JJ

2.92/2.4-KJ

2.92/2.4-JJ



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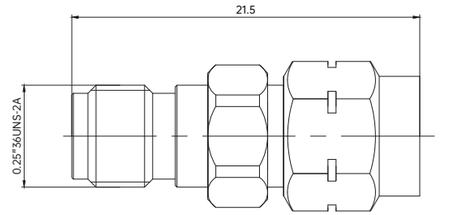
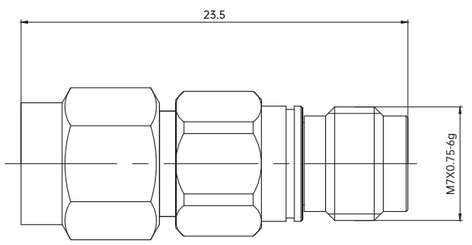
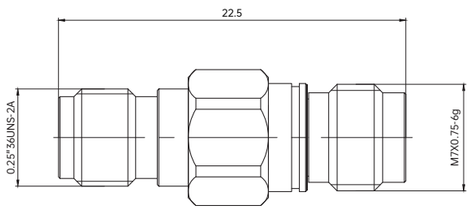


2.92/2.4-JK



2.92/2.4-KK



转接器 Adaptors

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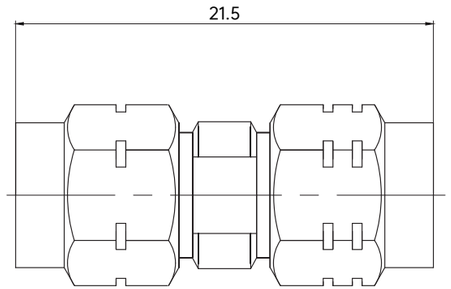
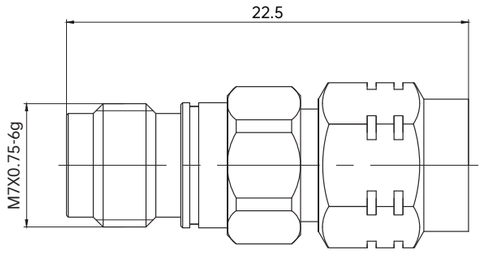
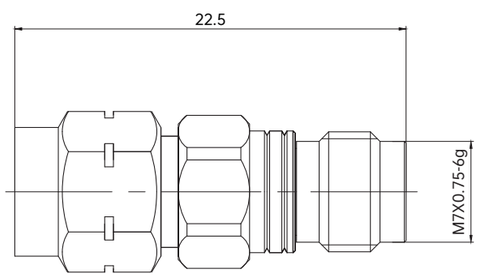
2.4/1.85-JJ



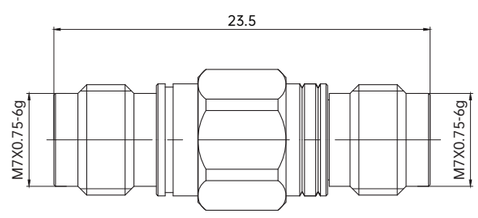
2.4/1.85-KJ



2.4/1.85-JK



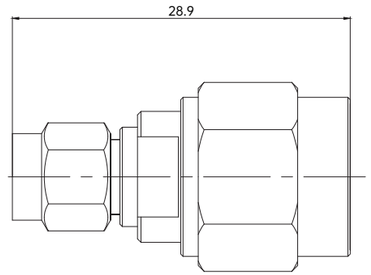
2.4/1.85-KK



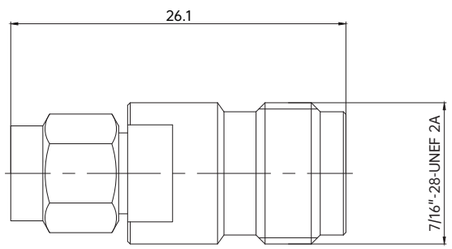
转接器 Adaptors

2.92 转 TNC 2.92/TNC

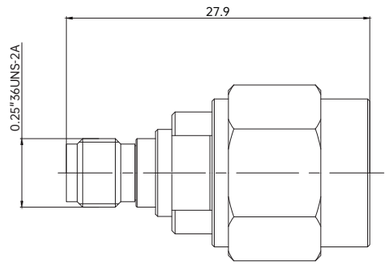
2.92/TNC-JJ



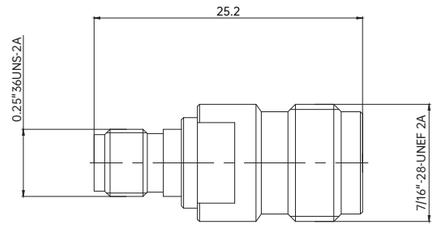
2.92/TNC-JK



2.92/TNC-KJ



2.92/TNC-KK



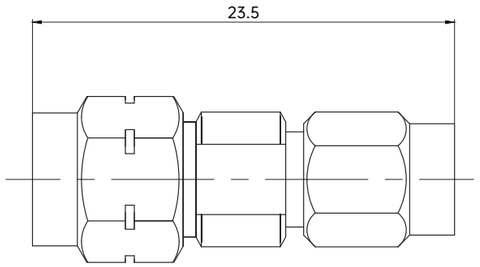
转接器 Adaptors

2.4 转 SSMA 2.4/SSMA

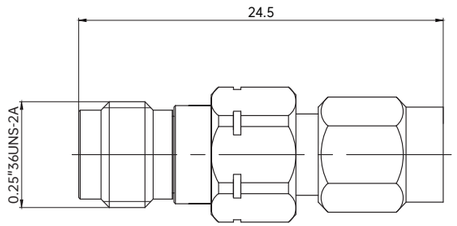
2.4/SSMA-KJ

2.4/SSMA-JK

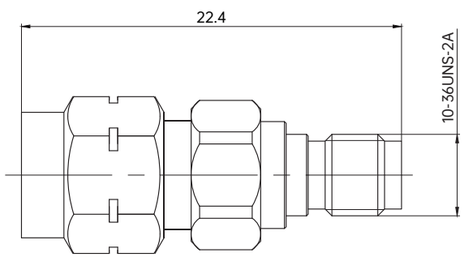
2.4/SSMA-JJ



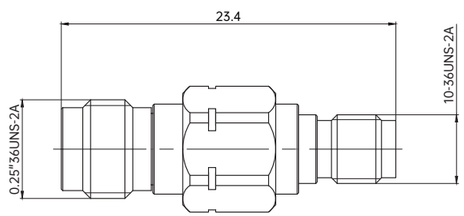
2.4/SSMA-KJ



2.4/SSMA-JK



2.4/SSMA-KK



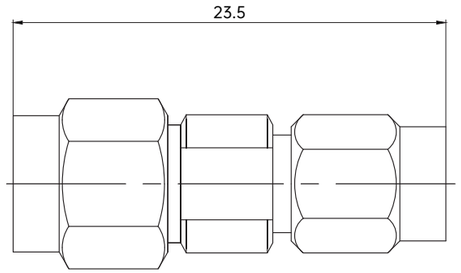
转接器 Adaptors

2.92 转 SSMA 2.92/SSMA

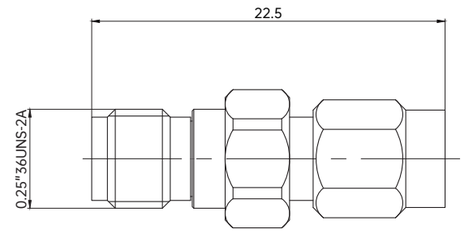
2.92/SSMA-JK

2.92/SSMA-KJ

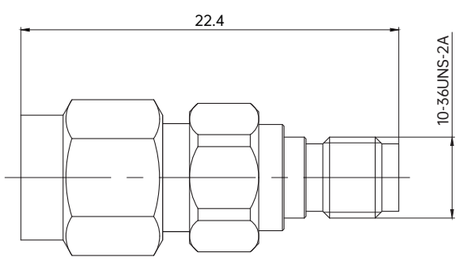
2.92/SSMA-JJ



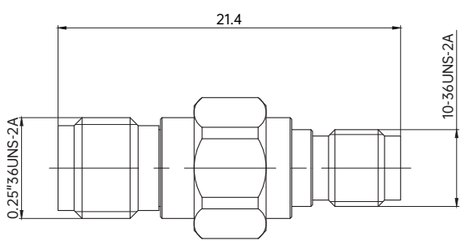
2.92/SSMA-KK



2.92/SSMA-JK

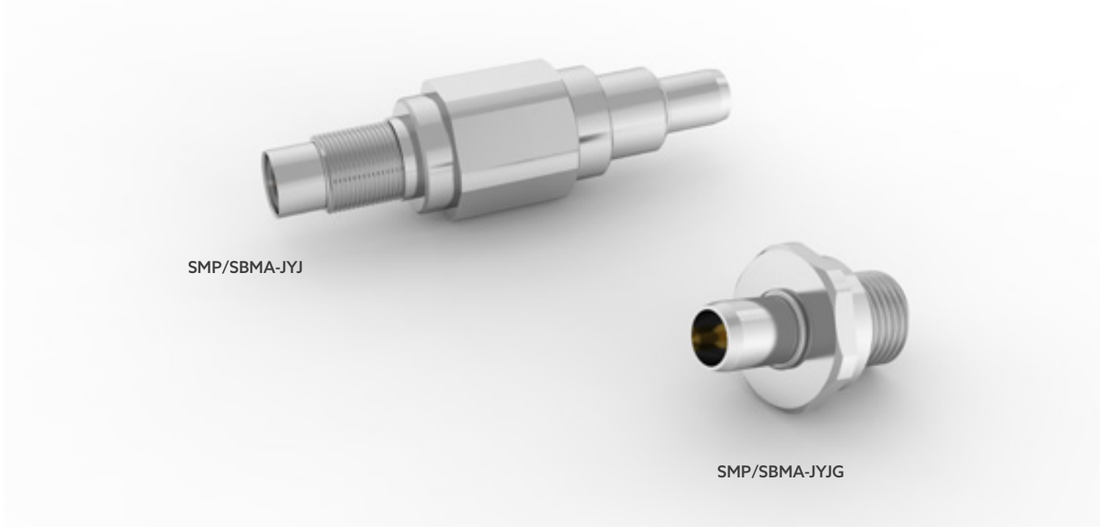


2.92/SSMA-KK

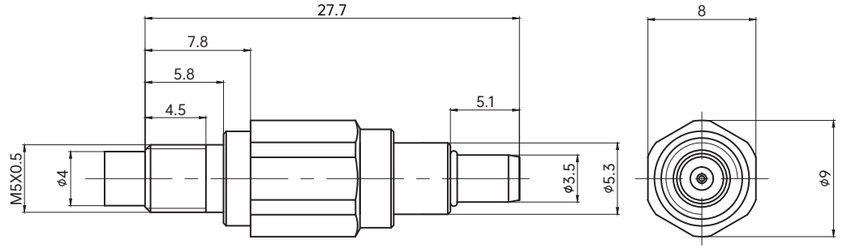


转接器 Adaptors

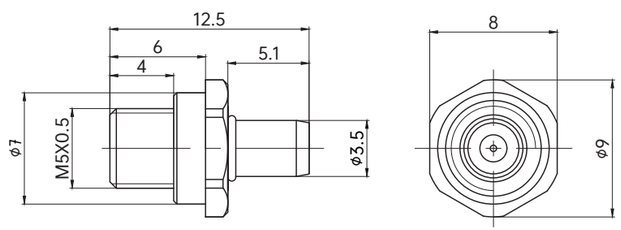
SMP 转 SBMA SMP/SBMA



SMP/SBMA-JYJ



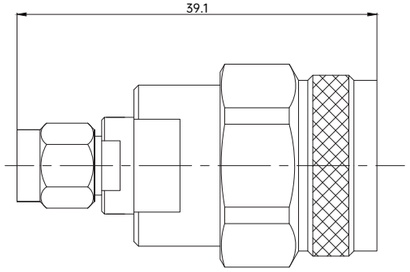
SMP/SBMA-JYJG



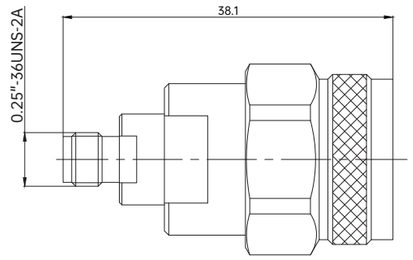
转接器 Adaptors

3.5 转 N 3.5/N

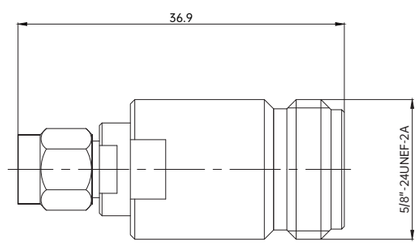
3.5/N-JJ



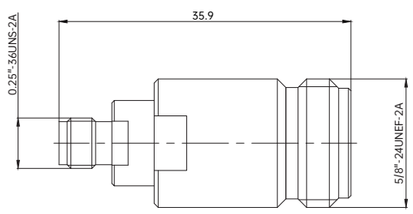
3.5/N-KJ



3.5/N-JK



3.5/N-KK



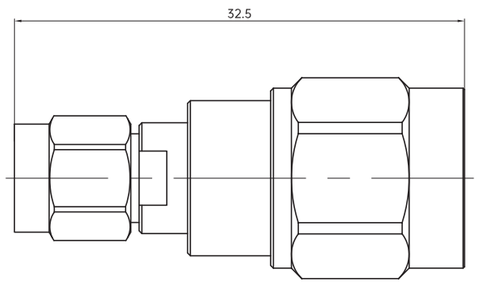
转接器 Adaptors

3.5 转 F75 3.5/F75

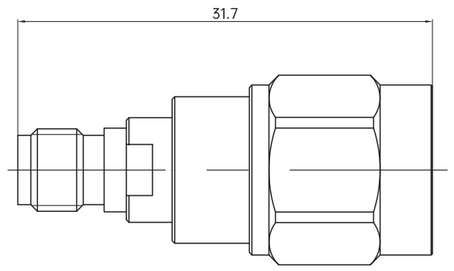
3.5/F75-JJG

3.5/F75-KKG

3.5/F75-JJG



3.5/F75-KJG



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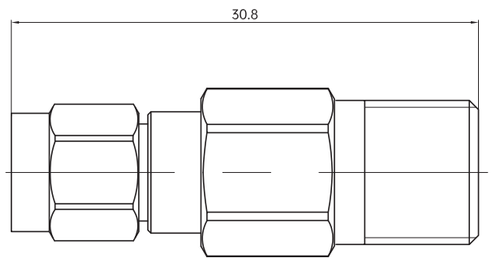

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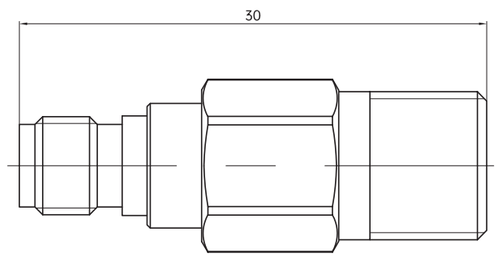


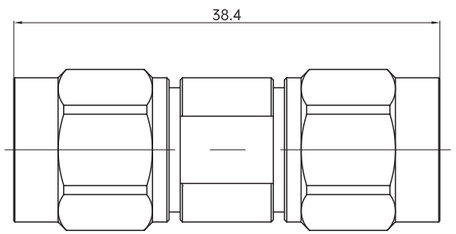
转接器 Adaptors

F75 转 F75 F75/F75

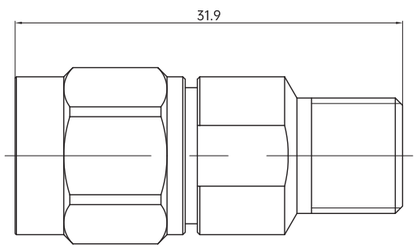
F75-JJG

F75-KJG

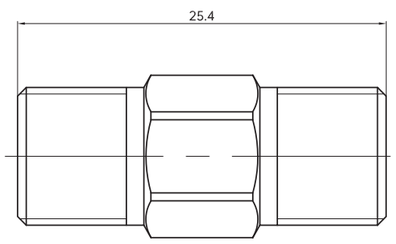
F75-JJG



F75-KJG

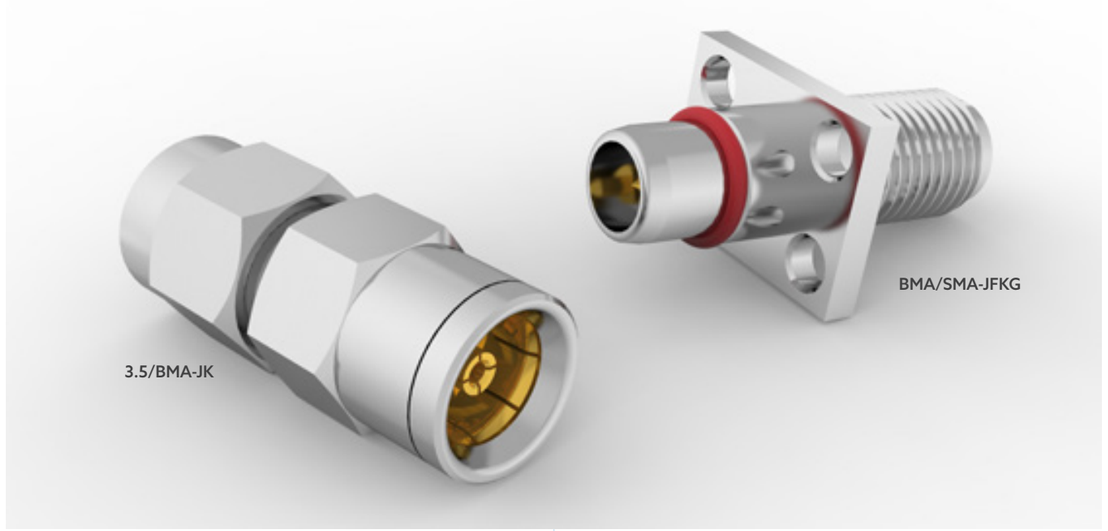


F75-KKG

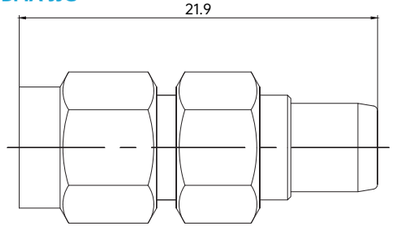


转接器 Adaptors

BMA 转 3.5、SMA BMA/3.5, SMA



3.5/BMA-JJG



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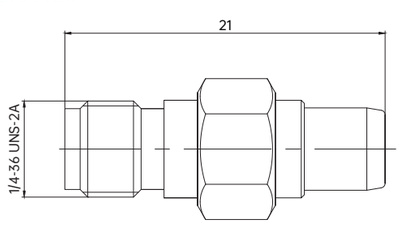
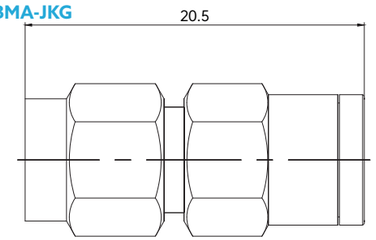
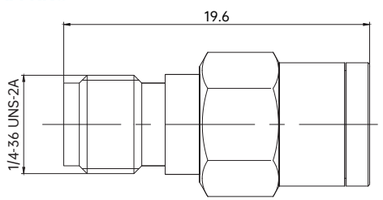


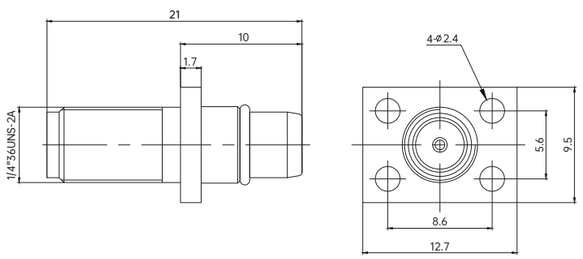
3.5/BMA-JKG



3.5/BMA-KKG

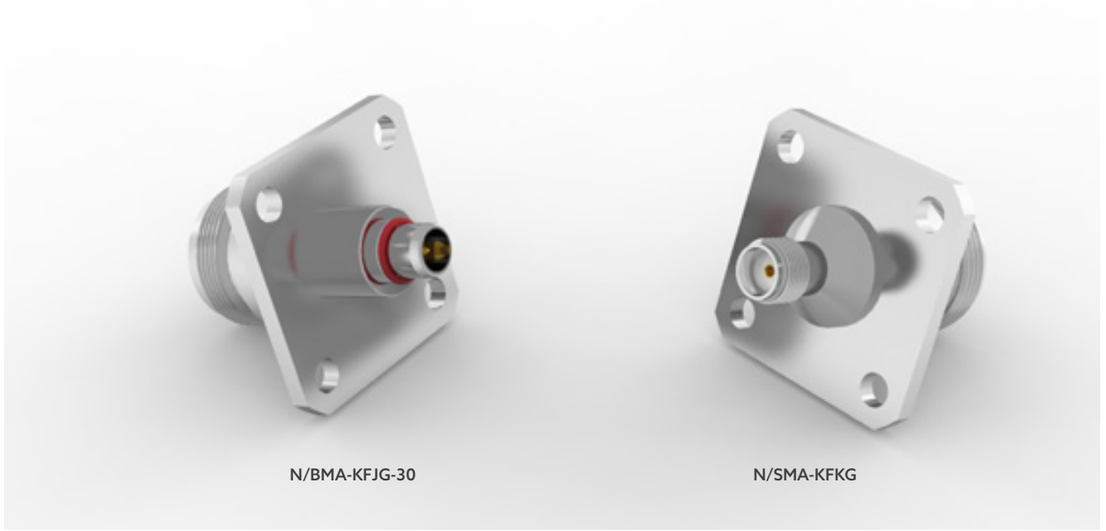


BMA/SMA-JFKG

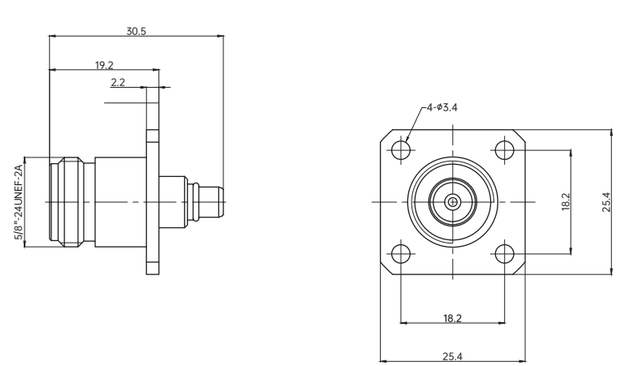


转接器 Adaptors

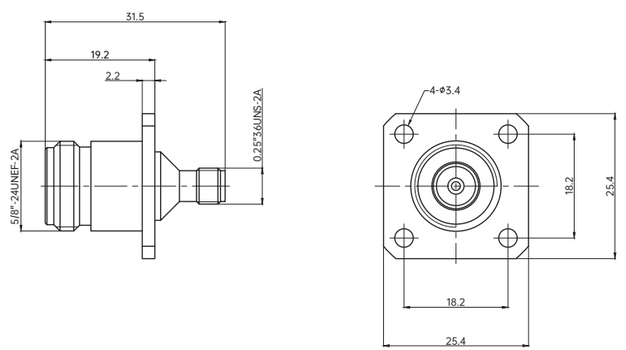
N 转 SMA、BMA N/SMA, BMA



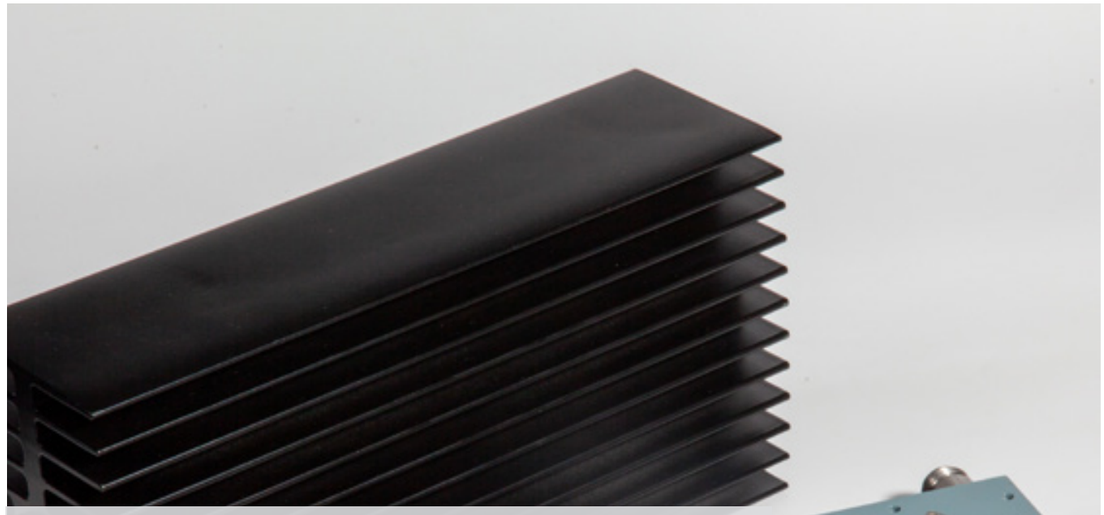
N/BMA-KFJG-30



N/SMA-KFKG



2 微波无源器件
Passive Component

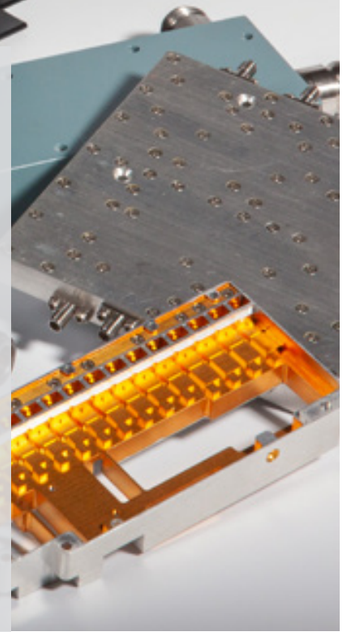


创新引领，性能卓越 .

华铭微波推出的空气线功分器在高功率处理和驻波特性方面表现卓越。相比传统 PCB 功分器，我们的设计大幅降低了信号损耗，提升了信号完整性，并具有更高功率容量，确保通信更加可靠。

Innovation Leads, Performance Excels.

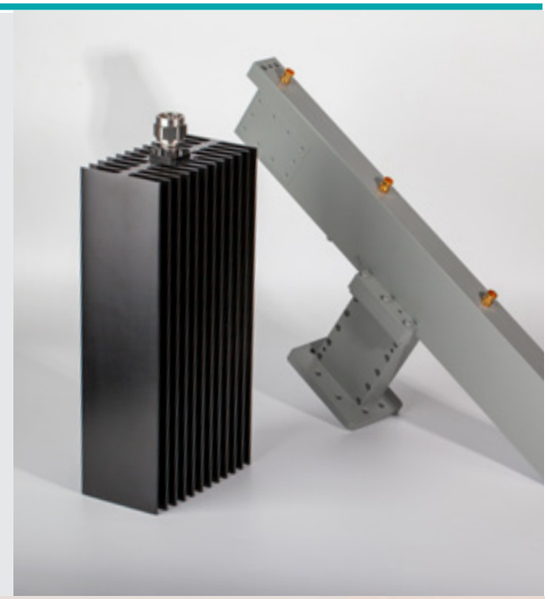
Huaming Microwave's air line power dividers excel in high-power handling and standing wave characteristics. Compared to traditional PCB power dividers, our design significantly reduces signal loss, enhances signal integrity, and offers higher power capacity, ensuring more reliable communication.



Passive Component

标准与定制，灵活应对 .

华铭微波的微波器件包含了高功率耦合器、负载、功分器、SMD 电桥等，具备极高的设计灵活性。不仅提供多款标准产品，并可根据客户特定要求定制。这些产品凭借紧凑尺寸、高效能和可靠性，获得了市场的广泛认可。



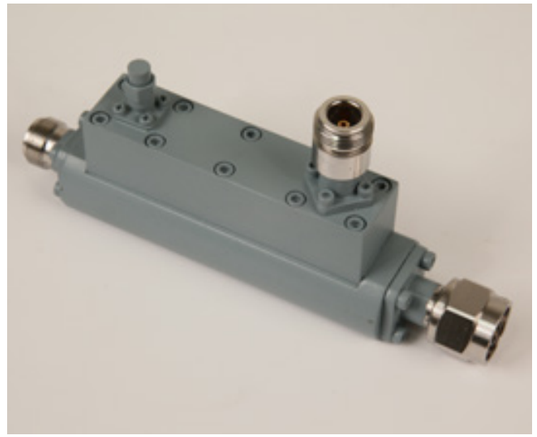
Standards and Customization, Flexible Response.

Huaming Microwave's range of microwave components includes high-power couplers, loads, power dividers, and SMD bridges, all featuring high design flexibility. We offer a variety of standard products and can customize solutions to meet specific customer requirements. These products are widely recognized for their compact size, high efficiency, and reliability.

N 型高功率定向耦合器
Type N High Power Directional Coupler

特点 Features

- 低损耗 Low return loss
- 低驻波 Low VSWR
- 400W 高功率 400W Avg High Power
- 高性能 High performance
- N 型接口 Type N connector



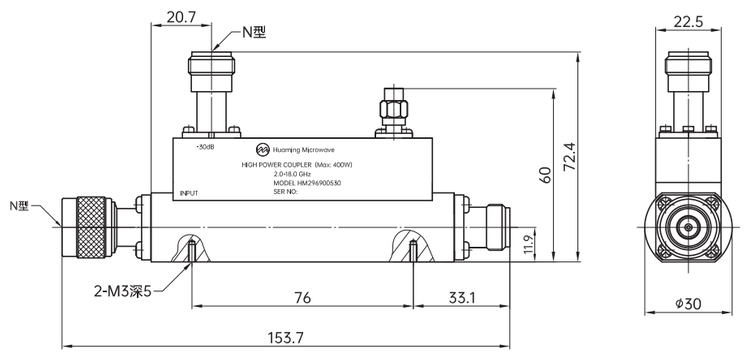
主要用途 The main purpose

- 高功率微波信号的测量
- Measurement of high-power microwave signals
- 行波管放大器的功率监控
- Power monitoring of traveling-wave tube amplifiers
- 高功率微波输出功率的检测
- Detection of high-power microwave output power

主要性能指标 Specifications

型号 Model	频率 Frequency	耦合度 Coupling	方向性 Min. Directivity		插损 (Max.) Insertion Loss	VSWR(Max.) 主线 Mainline	VSWR(Max.) 耦合端 Branch line	承载功率 Power 平均 Average	承载功率 Power 最大 Peak
HM296900530	2-8GHz	30±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296900540	2-8GHz	40±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296900630	2-18GHz	30±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw
HM296900640	2-18GHz	40±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw

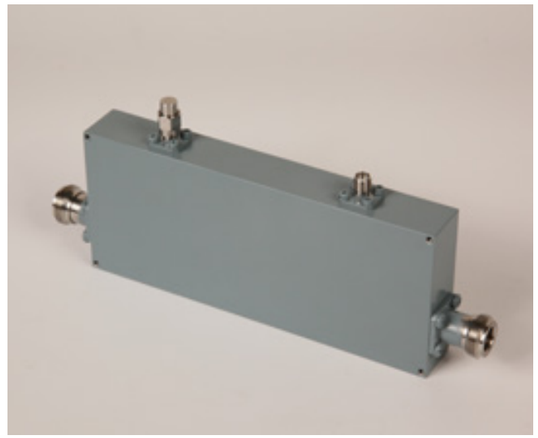
外形图 Outline Dimension



SMA/N 型高功率定向耦合器
Type N/SMA High Power Directional Coupler

特点 Features

- 低损耗 Low return loss
- 低驻波 Low VSWR
- 400W 高功率 400W Avg High Power
- 高性能 High performance
- N/SMA 型接口 Type N/SMA connector



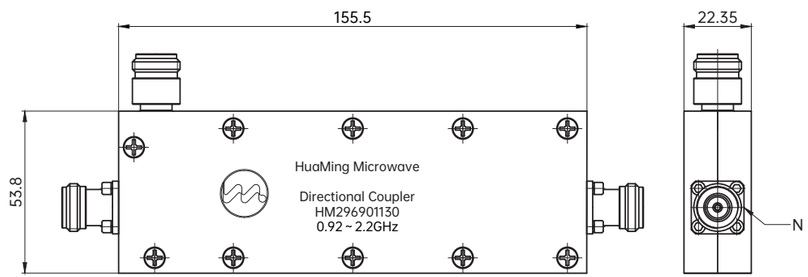
主要用途 The main purpose

- 高功率微波信号的测量
- Measurement of high-power microwave signals
- 行波管放大器的功率监控
- Power monitoring of traveling-wave tube amplifiers
- 高功率微波输出功率的检测
- Detection of high-power microwave output power

主要性能指标 Specifications

型号 Model	频率 Frequency	耦合度 Coupling	方向性 Min. Directivity		插损 (Max.) Insertion Loss	VSWR(Max.) 主线 Mainline	VSWR(Max.) 耦合端 Branch line	承载功率 Power 平均 Average	承载功率 Power 最大 Peak
HM296901130	0.92-2.2GHz	30±0.5dB	50dB	0.2dB	1.2	1.2	400W	3kw	3kw

外形图 Outline Dimension



SMA/N 型高功率定向耦合器
Type N/SMA High Power Directional Coupler

特点 Features

- 低损耗 Low return loss
- 低驻波 Low VSWR
- 400W 高功率 400W Avg High Power
- 高性能 High performance
- N/SMA 型接口 Type N/SMA connector

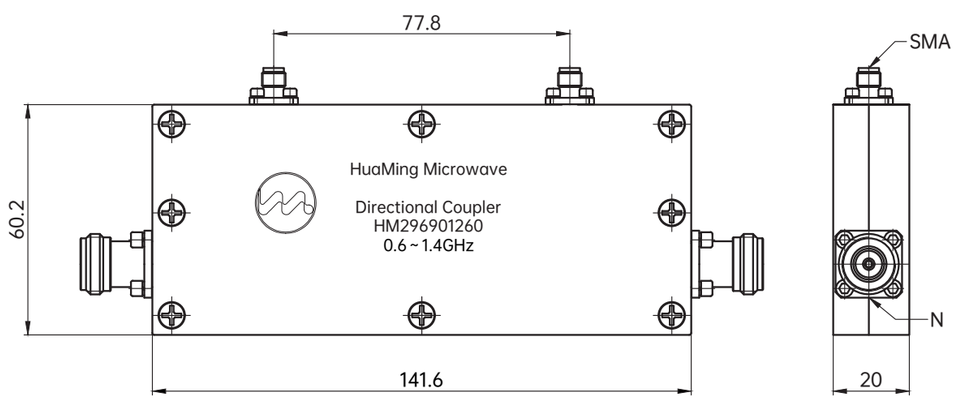
主要用途 The main purpose

- 高功率微波信号的测量
- Measurement of high-power microwave signals
- 行波管放大器的功率监控
- Power monitoring of traveling-wave tube amplifiers
- 高功率微波输出功率的检测
- Detection of high-power microwave output power

主要性能指标 Specifications

型号 Model	频率 Frequency	耦合度 Coupling	方向性 Min. Directivity	插损 (Max.) Insertion Loss	VSWR(Max.)		承载功率 Power	
					主线 Mainline	耦合端 Branch line	平均 Average	最大 Peak
HM296901260	0.6-1.4GHz	60±1dB	14dB	0.3dB	1.25	1.8	400W	5kw

外形图 Outline Dimension



Directional Coupler

SMA/N 型高功率定向耦合器
Type N/SMA High Power Directional Coupler

特点 Features

- 低损耗 Low return loss
- 低驻波 Low VSWR
- 400W 高功率 400W Avg High Power
- 高性能 High performance
- N/SMA 型接口 Type N/SMA connector

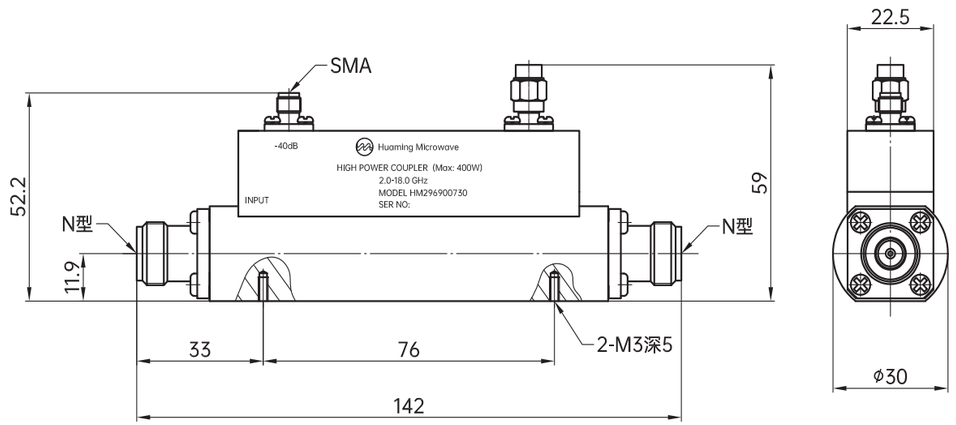
主要用途 The main purpose

- 高功率微波信号的测量
- Measurement of high-power microwave signals
- 行波管放大器的功率监控
- Power monitoring of traveling-wave tube amplifiers
- 高功率微波输出功率的检测
- Detection of high-power microwave output power

主要性能指标 Specifications

型号 Model	频率 Frequency	耦合度 Coupling	方向性 Min. Directivity		插损 (Max.) Insertion Loss	VSWR(Max.)		承载功率 Power	
						主线 Mainline	耦合端 Branch line	平均 Average	最大 Peak
HM296900730	2-8GHz	30±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296900740	2-8GHz	40±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296900830	2-18GHz	30±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw
HM296900840	2-18GHz	40±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw

外形图 Outline Dimension



Directional Coupler

SMA/N 型高功率双向定向耦合器
Type N/SMA High Power Dual Directional Coupler

特点 Features

- 低损耗 Low return loss
- 低驻波 Low VSWR
- 400W 高功率 400W Avg High Power
- 高性能 High performance
- N/SMA 型接口 Type N/SMA connector

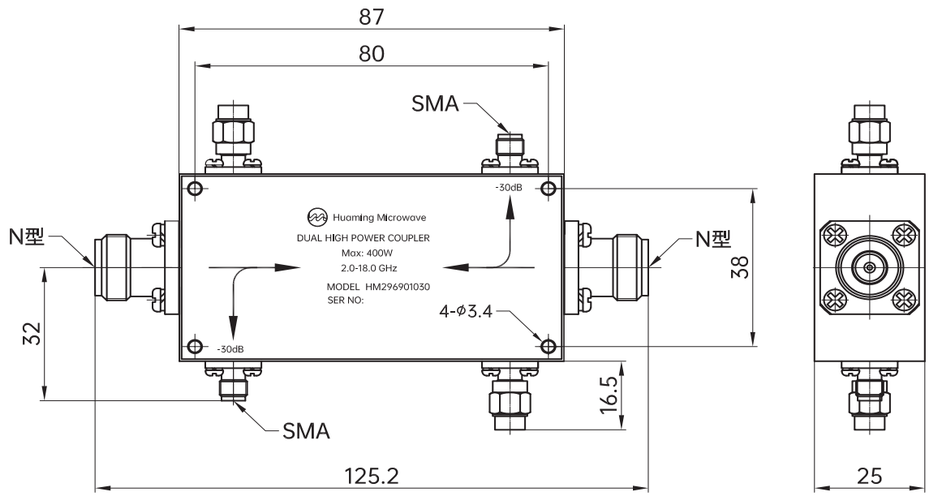
主要用途 The main purpose

- 高功率微波信号的测量与保护
- Measurement & protection of high-power microwave signals
- 行波管放大器的功率监控
- Power monitoring of traveling-wave tube amplifiers

主要性能指标 Specifications

型号 Model	频率 Frequency	耦合度 Coupling	方向性 Min. Directivity		插损 (Max.) Insertion Loss	VSWR(Max.)		承载功率 Power	
						主线 Mainline	耦合端 Branch line	平均 Average	最大 Peak
HM296900930	2-8GHz	30±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296900940	2-8GHz	40±1dB	14dB		0.25dB	1.25	1.5	400W	5kw
HM296901030	2-18GHz	30±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw
HM296901040	2-18GHz	40±1.5dB	2-12Ghz 12dB	2-18Ghz 10dB	0.5dB	1.4	1.6	400W	3kw

外形图 Outline Dimension

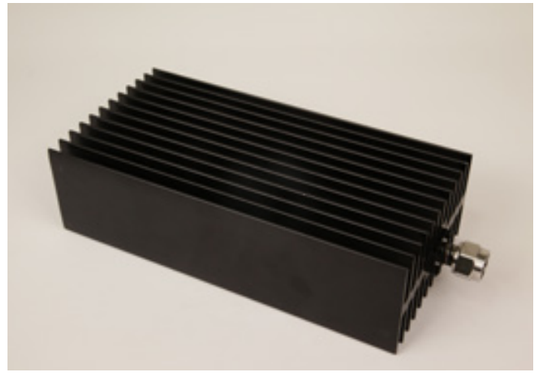


Terminations

N 型高功率负载
Type N High Power Terminations

特点 Features

- 250W 高功率 / 250W Avg High Power
- 频率 2-18GHz / Frequency 2-18Ghz
- 接口和功率可定制 / interface and power can customize



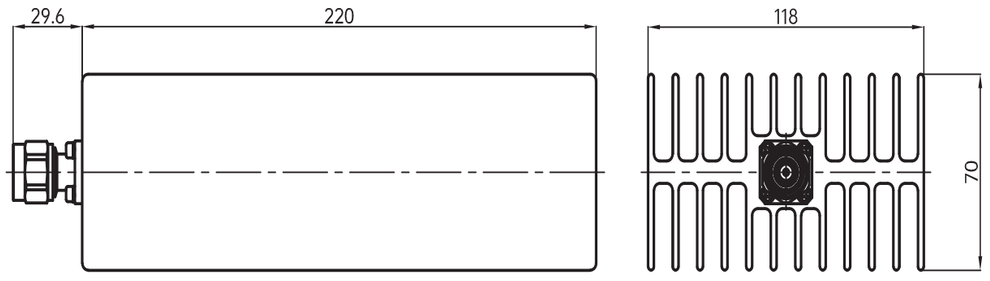
主要用途 The main purpose

- 测试和校准射频系统
- Testing and calibration of RF system
- 微波功率测量
- Microwave power measurement

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR(Max.)			承载功率 Power		接口 Type
		2-4	4-12.4	12.4-18	平均 Average	最大 Peak	
N-JR50-250W	2-18GHz	1.2	1.25	1.3	250W	5kw	N Male

外形图 Outline Dimension



KU 波段一分四功分器
4 Way Power Divider

特点 Features

- 空气介质，低损耗 /Air Dielectric, Low Return Loss
- 低驻波 /Low VSWR
- 高性能 / High performance
- 根据用户需求自定义 / Customizable to user needs

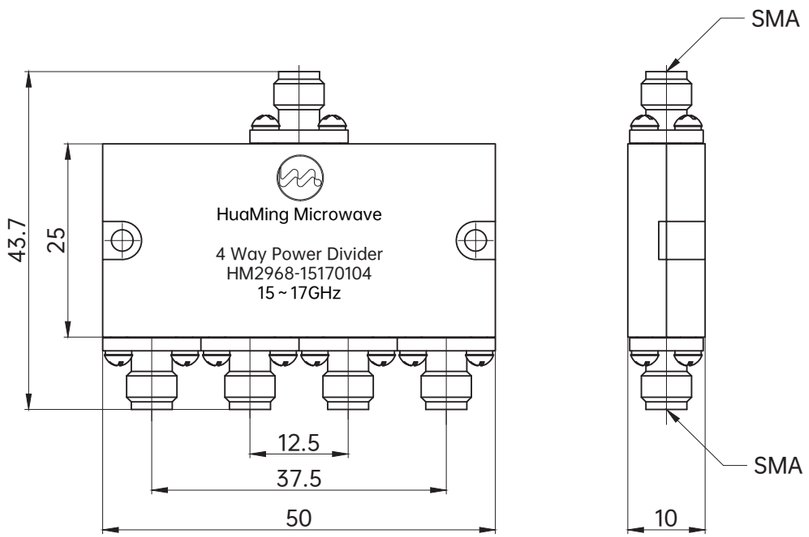
主要用途 The main purpose

- 信号分配与合成
- Signal Distribution & Combining
- 微波功率测量
- Microwave power measurement
- 功率分配网络
- Power Distribution Networks

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR 输入 Input	VSWR 输出 Output	插入损耗 Insert Loss (不包括理论损耗6.0dB/ Excluding theoretical loss6.0dB)	隔离度 Isolation	相位一致性 Phase Coherence
HM2968-15170104	15.0-17.0GHz	1.5	1.5	1dB	18dB	±5°

外形图 Outline Dimension



C 波段一分二功分器
2 Way Power Divider

特点 Features

- 空气介质，低损耗 /Air Dielectric, Low Return Loss
- 低驻波 /Low VSWR
- 高性能 / High performance
- 根据用户需求自定义 / Customizable to user needs

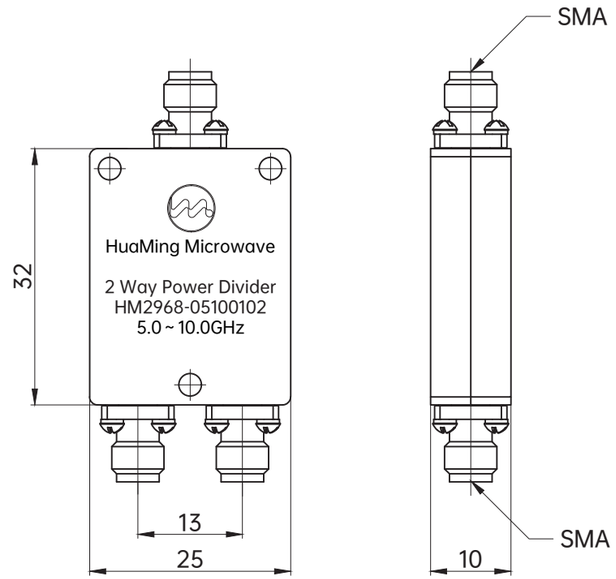
主要用途 The main purpose

- 信号分配与合成
- Signal Distribution & Combining
- 微波功率测量
- Microwave power measurement
- 功率分配网络
- Power Distribution Networks

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR 输入 Input	VSWR 输出 Output	插入损耗 Insert Loss (不包括理论损耗3.0dB/ Excluding theoretical loss3.0dB)	隔离度 Isolation	相位一致性 Phase Coherence
HM2968-05100102	5.0-10.0GHz	1.5	1.5	0.6dB	16dB	±8°

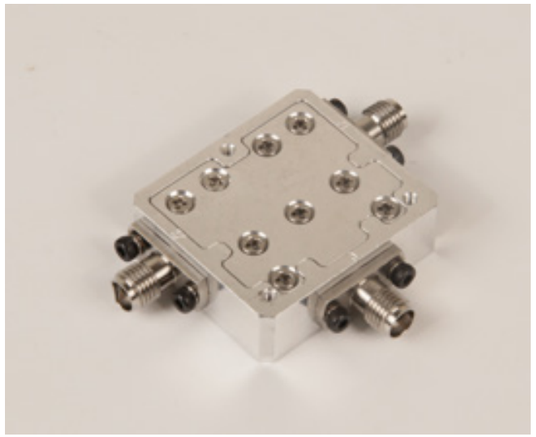
外形图 Outline Dimension



T 形一分二功分器
2 Way Power Divider

特点 Features

- 空气介质，低损耗 /Air Dielectric, Low Return Loss
- 低驻波 /Low VSWR
- 高性能 / High performance
- 根据用户需求自定义 / Customizable to user needs



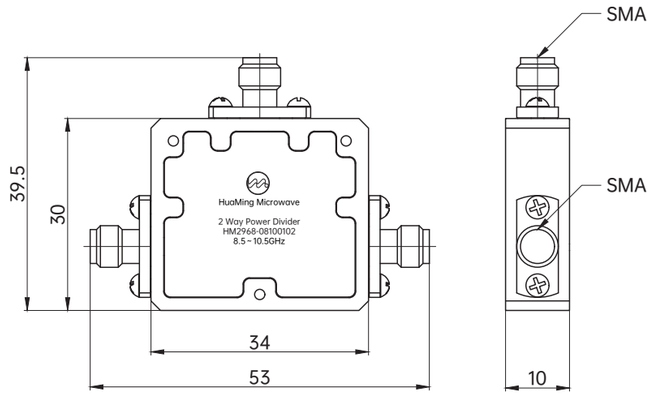
主要用途 The main purpose

- 信号分配与合成
- Signal Distribution & Combining
- 微波功率测量
- Microwave power measurement
- 功率分配网络
- Power Distribution Networks

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR 输入 Input	VSWR 输出 Output	插入损耗 Insert Loss (不包括理论损耗3.0dB/ Excluding theoretical loss3.0dB)	隔离度 Isolation	相位一致性 Phase Coherence
HM2968-08100102	8.5-10.5GHz	1.4	1.4	0.6dB	18dB	±5°

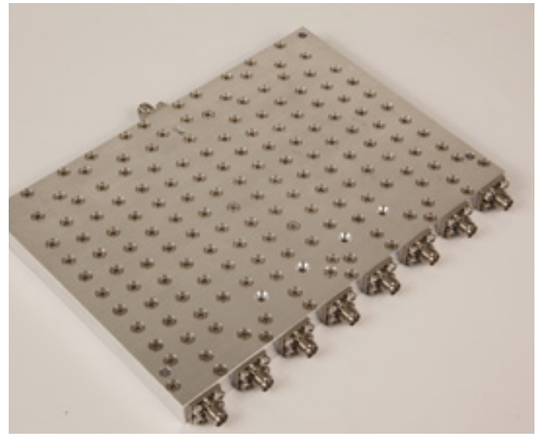
外形图 Outline Dimension



宽带一分八功分器
8 Way Power Divider

特点 Features

- 空气介质，低损耗 /Air Dielectric, Low Return Loss
- 低驻波 /Low VSWR
- 高性能 / High performance
- 根据用户需求自定义 / Customizable to user needs



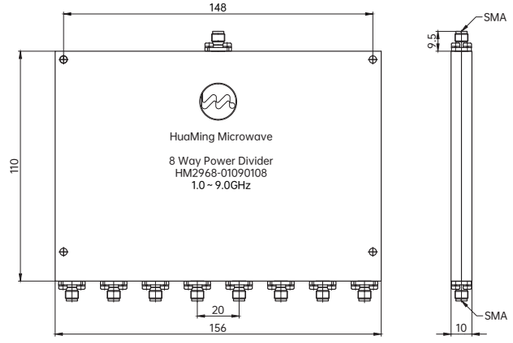
主要用途 The main purpose

- 信号分配与合成
- Signal Distribution & Combining
- 微波功率测量
- Microwave power measurement
- 功率分配网络
- Power Distribution Networks

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR 输入 Input	VSWR 输出 Output	插入损耗 Insert Loss (不包括理论损耗9.0dB/ Excluding theoretical loss9.0dB)	隔离度 Isolation	相位一致性 Phase Coherence
HM2968-01090108	1.0-9.0GHz	1.5	1.5	1.2dB	18dB	±5°

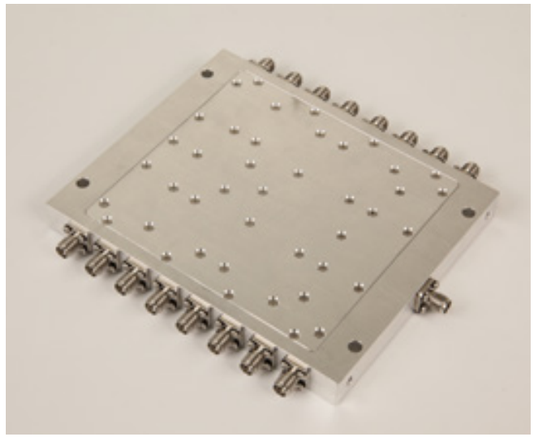
外形图 Outline Dimension



一分十六功分器
16 Way Power Divider

特点 Features

- 空气介质，低损耗 /Air Dielectric, Low Return Loss
- 低驻波 /Low VSWR
- 高性能 / High performance
- 根据用户需求自定义 / Customizable to user needs



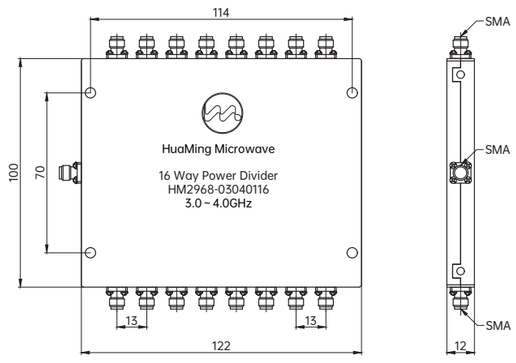
主要用途 The main purpose

- 信号分配与合成
- Signal Distribution & Combining
- 微波功率测量
- Microwave power measurement
- 功率分配网络
- Power Distribution Networks

主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR 输入 Input	VSWR 输出 Output	插入损耗 Insert Loss (不包括理论损耗12.0dB/ Excluding theoretical loss12.0dB)	隔离度 Isolation	相位一致性 Phase Coherence	外形尺寸(长*宽*高) Dimensions: L*W*H
HM2968-03040116	3.0-4.0GHz	1.5	1.5	1dB	16dB	±8°	122*100*12
HM2968-05100116	5.0-10.0GHz	1.5	1.5	1.5dB	16dB	±8°	122*100*12
HM2968-08140116	8.5-14.0GHz	1.5	1.5	2dB	16dB	±8°	122*100*12

外形图 Outline Dimension



SMD 90° 混合电桥
SMD 90-Degree Hybrid Couplers

特点 Features

- 宽带宽 : 20 MHz to 12,000 MHz.
- Wide frequency range: 20 MHz to 12,000 MHz.
- 400W 高功率 /400W High Power
- 低损耗，低驻波 / Low insertion loss, Low VSWR

主要用途 The main purpose

- 无线通信和射频电路应用
- Wireless communication and RF circuit applications
- 功率放大器、功率合成器 & 分配器
- Power amplifiers, power combiners & dividers

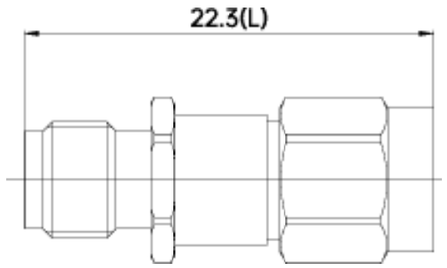
主要性能指标 Specifications

型号 Model	频率 Frequency	VSWR	插入损耗 Insert Loss	幅度一致性 Amplitude Coherence	相位一致性 Phase Coherence	隔离度 Isolation	连续波功率 CW Power	尺寸 Size
HM2969-01	100-500Mhz	1.25	0.6dB	±0.75	±4°	20	300	69*41*1.6mm
HM2969-02	225-450Mhz	1.25	0.25dB	±0.6	±5°	20	200	51*14*3.5mm
HM2969-03	600-1600Mhz	1.25	0.25dB	±0.85	±5°	20	150	15*10*2.4mm
HM2969-04	800-2200Mhz	1.25	0.25dB	±0.8	±5°	20	150	14.2*8.9*2.4mm
HM2969-05	1000-2000Mhz	1.25	0.25dB	±0.6	±5°	20	150	14.2*8.9*2.4mm
HM2969-06	1000-4200Mhz	1.35	0.6dB	±0.7	±5°	18	80	45.7*10.2*5.1mm
HM2969-07	1000-3000Mhz	1.30	0.5dB	±0.6	±5°	18	150	45.7*20.4*1.9mm
HM2969-08	2000-6000Mhz	1.25	0.3dB	±1.25	±5°	20	250	14.2*8.9*2.0mm
HM2969-09	2500-6200Mhz	1.25	0.35dB	±0.9	±5°	19	100	14.2*5.1*2.9mm
HM2969-10	2700-3500Mhz	1.30	0.35dB	±0.35	±5°	19	200	14.2*8.9*2.0mm
HM2969-11	4000-8000Mhz	1.30	0.35dB	±0.5	±5°	18	100	12.8*8.9*2.0mm
HM2969-12	8000-12000Mhz	1.35	0.4dB	±0.5	±5°	16	100	9.2*10*1.2mm
HM2969-13	0.2-2GHz	1.50	0.55dB	+1.1	±5°	18	100	56*36*2.5mm

SMA 固定衰减器
SMA Fixed Attenuators

特点 Features

- 频率到 18Ghz /DC to 18Ghz
- 低驻波 /Low VSWR
- 高性能 / High performance
- 功率 2W~50W/ Power handle 2W to 50W



主要性能指标 Specifications

型号 Model	频率 Frequency	衰减值 Attenuation	驻波 VSWR	功率 Power	长度(L) Length(L)
SMA-JKSJQ-01G	DC-18GHz	1±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-02G	DC-18GHz	2±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-03G	DC-18GHz	3±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-04G	DC-18GHz	4±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-05G	DC-18GHz	5±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-06G	DC-18GHz	6±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-07G	DC-18GHz	7±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-08G	DC-18GHz	8±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-09G	DC-18GHz	9±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-10G	DC-18GHz	10±0.5dB	≤1.25	2W	22.3mm
SMA-JKSJQ-15G	DC-18GHz	15±1dB	≤1.25	2W	28.65mm
SMA-JKSJQ-20G	DC-18GHz	20±1dB	≤1.25	2W	28.65mm
SMA-JKSJQ-25G	DC-18GHz	25±1dB	≤1.25	2W	28.65mm
SMA-JKSJQ-30G	DC-18GHz	30±1dB	≤1.25	2W	28.65mm

Attenuator

3 电缆组件
Cable Assembly

高性能射频组件 .

华铭微波的电缆系列包括超柔、柔性和半钢性电缆，采用先进工艺和优质材料，确保每一款产品卓越的性能和可靠性。无论在高振动的航空航天领域，还是有限距离下的模块互联，我们的电缆组件都能保持优秀的电性能，是连接和传输信号的理想选择。

Advanced RF Components.

Our cable lineup includes flexible, semi-flexible, and semi-rigid cables, all made with advanced manufacturing techniques and premium materials. They deliver outstanding performance and reliability across a broad frequency range, up to 67GHz. Whether in high-vibration aerospace settings or humid, corrosive offshore environments, our cable assemblies ensure signal integrity, making them the ideal choice for signal transmission.

Cable Assembly

高精密测试级产品系列 .

我们还推出了经济型测试级电缆组件，在设计上优化了使用的便捷性，以及寿命。在高频次测试使用下，超长的产品生命周期中依旧能保证性能的稳定性。

Precision Test-Grade Product Series.

We have also introduced a cost-effective line of test-grade cable assemblies, designed for ease of use and longevity. These products maintain stable performance even after extended use in high-frequency testing scenarios, ensuring reliability throughout their long lifecycle.

电缆组件性能

	连接类型 Connection Type	直头 Straight	弯头 Right Angle	快速装卸 Quick Release	
				直头 Straight	弯头 Right Angle
SMA	螺纹 Threaded	18Hhz	12Hhz	/	/
SSMA		18Ghz	18Ghz	/	/
SMP	盲插 Blind Mate	40Ghz	30Ghz	40Ghz	30Ghz
SSMP		50Ghz	30Ghz	50Ghz	30Ghz
BMA		8Ghz	8Ghz	8Ghz	8Ghz
SBMA		12Ghz	8Ghz	12Ghz	8Ghz
N	螺纹 Threaded	18Ghz	18Ghz	/	/
TNC		18Ghz	可定制	/	/
3.5mm		32Ghz	可定制	/	/
2.92mm		40Ghz	40Ghz	/	/
2.4mm		50Ghz	可定制	/	/
1.85mm		67Ghz	可定制	/	/

* 快速装卸系列连接器是华铭自研快速可更换系列电缆组件；
* 使用频率是以 VSWR1.3 为准，具体性能指标请查阅组件产品详细介绍页

电缆参数 Cable parameters

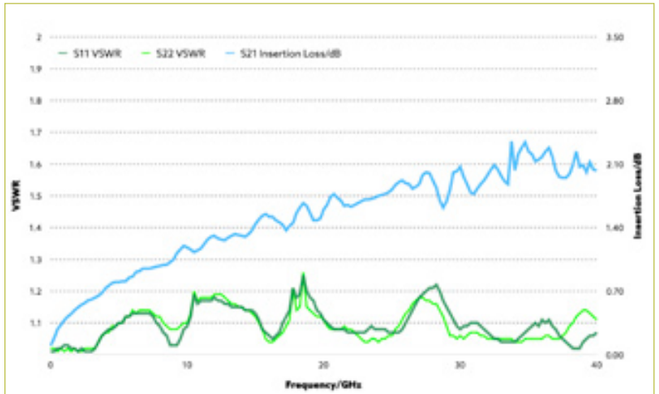
电缆型号 Cable model	CXN 3506	CXN 3507	UFB 142A	CXN 3449	UFB 205A	O47 (XFW P060)	MilFlex 360	047	086	086	086
描述 Description	低损耗稳幅稳相，柔性 Low-loss, amplitude-stable, phase-stable, flexible						低损耗柔性 Low-Loss Flexible Cable	半柔 Semi-flexible cable		半钢 Semi-rigid cable	
中心导体 Inner conductor (mm)	0.51	0.91	1.03	1.4	1.45	0.29	0.72	0.29	0.53	0.51	0.59
绝缘介质 Dielectric	低密度PTFE Low-density PTFE							实心PTFE Solid PTFE			低密度PTFE Low-density PTFE
内层屏蔽层 Inner Shielding Layer（mm）	1.58	2.66	/	3.95	4.1	1	2.38	/	/	/	/
外层屏蔽层 Outer Shielding Layer（mm）	1.9	3.11	3.35	4.35	4.59	1.19	3.14	1.19	2.17	2.2	2.2
护套 Jacket（mm）	2.2	3.6	3.64	4.8	5.21	1.5	3.6	/	2.6	/	/
传输速率 Transmission Rate	81%	82%	83%	83%	83%	75%	76%	70%	70%	70%	81%
最小弯曲半径 Minimum Bend Radius（mm）	11	18	18	24	26	8	18	4	6	10	7
重量 Weight（g/m）	16	33	33	54	66	6	32	6.6	20	21	19
工作范围温度 Operating Temperature Range（℃）	-65 ~ +165	-65 ~ +165	-65 ~ +166	-65 ~ +165	-65 ~ +165	-65 ~ +165	-55 ~ +165	-65 ~ +150	-65 ~ +150	-55 ~ +125	-65 ~ +250
机械稳相 Mechanical Stability（°/GHz）	±0.3	±0.4	±0.4	±0.4	±0.5	±0.3	±0.4	/	/	/	/
温度稳相(ppm) Temperature Stability-(55℃ ~ +85℃)	≤800	≤750	≤750	≤750	≤750	≤800	≤750	/	/	/	/

电缆参数 Cable parameters

电缆型号 Cable model		CXN 3506	CXN 3507	UFB 142A	CXN 3449	UFB 205A	O47 (XFW P060)	MilFlex 360	047	086	086	086
工作频率 Operating Frequency（GHz）		67	40	/	26.5	/	67	50	18	18	20	40
电缆插损 Cable insetion loss（dB/m）	1GHz	0.63	0.36	0.36	0.24	0.24	1.29		1.24	0.69	0.63	
	3GHz	1.1	0.61	0.61	0.43	0.42	2.24		2.21	1.25	1.13	
	6GHz	1.58	0.86	0.86	0.6	0.59	3.18		3.1	1.84	1.67	
	8GHz	1.84	0.99	0.99	0.7	0.68	3.68		3.83	2.16	1.97	
	12GHz	2.28	1.24	1.24	0.87	0.84	4.52		5	2.74	2.5	
	18GHz	2.84	1.58	1.58	1.06	1.05	5.55	1.92	6.03	3.48	3.19	
	26.5GHz	3.5	2.09	2.09	1.35	1.29	6.76	2.35		4.41		
	40GHz	4.39	2.64	2.64			8.35	2.72		5.71		
	50GHz	4.97					9.36	3.29		6.59		
	67GHz	5.87					10.89					
电缆插损 Cable insetion loss（dB/ft）	1GHz	0.19	0.11	0.11	0.07	0.07	0.39		0.38	0.21	0.19	
	3GHz	0.34	0.19	0.19	0.13	0.13	0.68		0.67	0.38	0.34	
	6GHz	0.48	0.26	0.26	0.18	0.18	0.97		0.95	0.56	0.51	
	8GHz	0.56	0.30	0.30	0.21	0.21	1.12		1.17	0.66	0.60	
	12GHz	0.70	0.38	0.38	0.27	0.26	1.38		1.52	0.84	0.76	
	18GHz	0.87	0.48	0.48	0.32	0.32	1.69	0.59	1.84	1.06	0.97	
	26.5GHz	1.07	0.64	0.64	0.41	0.39	2.06	0.72		1.34		
	40GHz	1.34	0.80	0.80			2.55	0.83		1.74		
	50GHz	1.52					2.85	1.00		2.01		
	67GHz	1.79					3.32					
功率 Cable power handling（W/m）	3GHz			2.85	5.26	5.56	0.19			1.1		
	6GHz			2	3.67	3.88	0.14			0.8		
	8GHz			1.72	3.15	3.33	0.12			0.6		
	12GHz			1.4	2.54	2.69	0.1			0.45		
	18GHz	0.12	1.15	1.13	2.04	2.16	0.08	0.9		0.36		
	26.5GHz	0.1	0.94				0.06	0.8				
	40GHz	0.08	0.75				0.05	0.6				
	50GHz	0.06					0.04	0.6				
	67GHz	0.06										
功率 Cable power handling（W/ft）	3GHz			0.87	1.60	1.70	0.06			0.34		
	6GHz			0.61	1.12	1.18	0.04			0.24		
	8GHz			0.52	0.96	1.02	0.04			0.18		
	12GHz			0.43	0.77	0.82	0.03			0.14		
	18GHz	0.04	0.35	0.34	0.62	0.66	0.02	0.27		0.11		
	26.5GHz	0.03	0.29				0.02	0.24				
	40GHz	0.02	0.23				0.02	0.18				
	50GHz	0.02					0.01	0.18				
	67GHz	0.02										

SMP-J3506

- 频率达到 40Ghz / Frequency up to 40Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.3 max

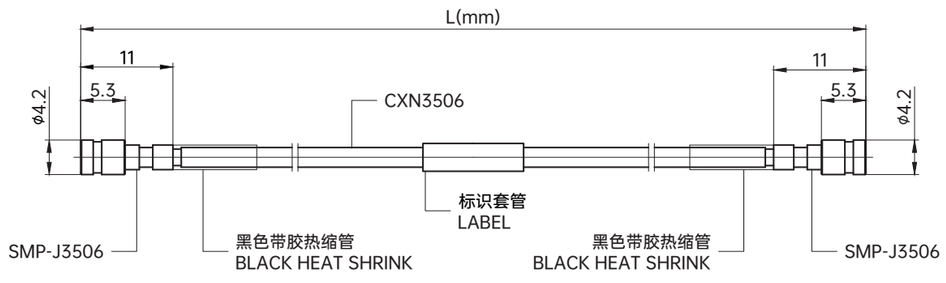


* 典型测试结果 Typical test result for SMP-J3506/SMP-J3506-500mm

主要性能指标 Specifications

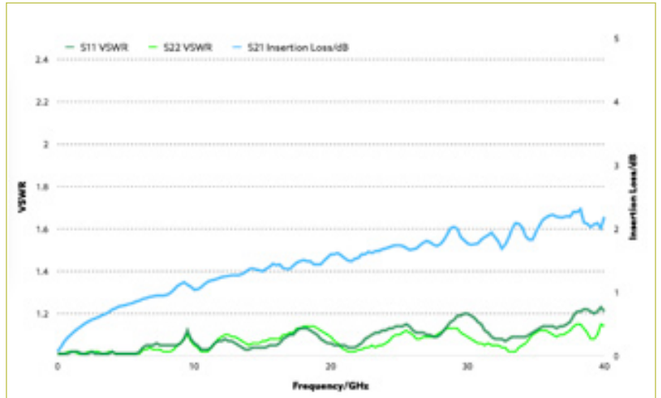
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB							驻波 VSWR						
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz
SMP-J 3506	插针直头 Male, Straight	CXN3506 柔性 Flexible	0.54	0.5	1.64	7.2	0.75	1.09	1.26	1.56	1.92	2.37	2.96	1.05	1.15	1.15	1.25	1.3	1.3	1.3
				1	3.28	15.2	1.30	1.88	2.18	2.70	3.34	4.12	5.15							
				1.5	4.92	23.2	1.85	2.67	3.10	3.84	4.76	5.87	7.35							
				2	6.56	31.2	2.40	3.46	4.02	4.98	6.18	7.62	9.54							
				3	9.84	47.2	3.50	5.04	5.86	7.26	9.02	11.12	13.93							
				5	16.40	79.2	5.70	8.20	9.54	11.82	14.70	18.12	22.71							

外形图 Outline Dimension



SMP-K3506-40

- 频率达到 40Ghz / Frequency up to 40Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.4 max

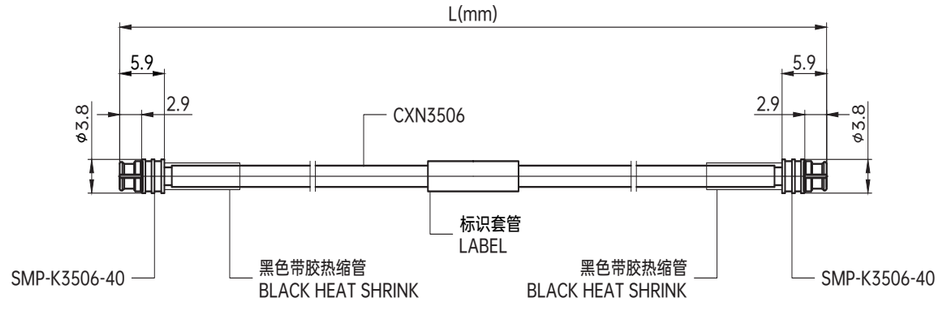


* 典型测试结果 Typical test result for SMP-K3506-40/SMP-K3506-40-500mm

主要性能指标 Specifications

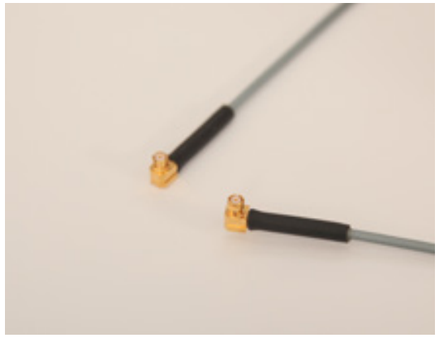
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB							驻波 VSWR						
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz
SMP-K 3506-40	插孔直头 Female, Straight	CXN3506 柔性 Flexible	0.32	0.5	1.64	6.8	0.75	1.09	1.26	1.56	1.92	2.37	2.96	1.05	1.05	1.1	1.15	1.15	1.2	1.4
				1	3.28	14.8	1.30	1.88	2.18	2.70	3.34	4.12	5.15							
				1.5	4.92	22.8	1.85	2.67	3.10	3.84	4.76	5.87	7.35							
				2	6.56	30.8	2.40	3.46	4.02	4.98	6.18	7.62	9.54							
				3	9.84	46.8	3.50	5.04	5.86	7.26	9.02	11.12	13.93							
				5	16.40	78.8	5.70	8.20	9.54	11.82	14.70	18.12	22.71							

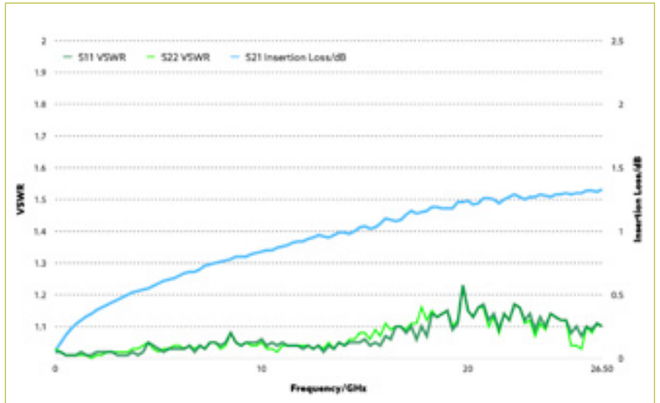
外形图 Outline Dimension



SMP-KW3506

- 频率达到 26.5Ghz / Frequency up to 26.5Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25 max



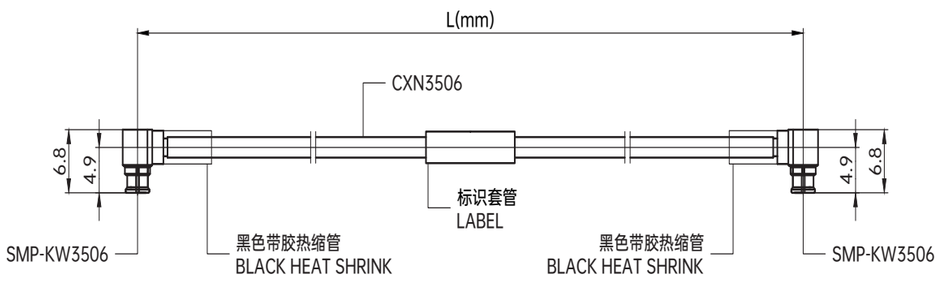


* 典型测试结果 Typical test result for SMP-KW3506/SMP-KW3506-500mm

主要性能指标 Specifications

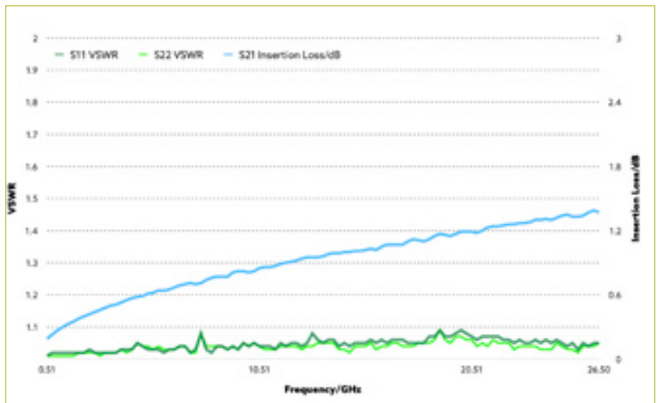
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB							驻波 VSWR						
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	40 GHz
SMP-KW 3506	插孔弯头 Female, Right Angle	CXN3506 柔性 Flexible	0.57	0.5	1.64	7.3	0.75	1.09	1.26	1.56	1.92	2.37	2.96	1.1	1.1	1.1	1.25	1.25	1.25	/
				1	3.28	15.3	1.30	1.88	2.18	2.70	3.34	4.12	5.15							
				1.5	4.92	23.3	1.85	2.67	3.10	3.84	4.76	5.87	7.35							
				2	6.56	31.3	2.40	3.46	4.02	4.98	6.18	7.62	9.54							
				3	9.84	47.3	3.50	5.04	5.86	7.26	9.02	11.12	13.93							
				5	16.40	79.3	5.70	8.20	9.54	11.82	14.70	18.12	22.71							

外形图 Outline Dimension



SSMP-KW3506

- 频率达到 26.5Ghz / Frequency up to 26.5Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

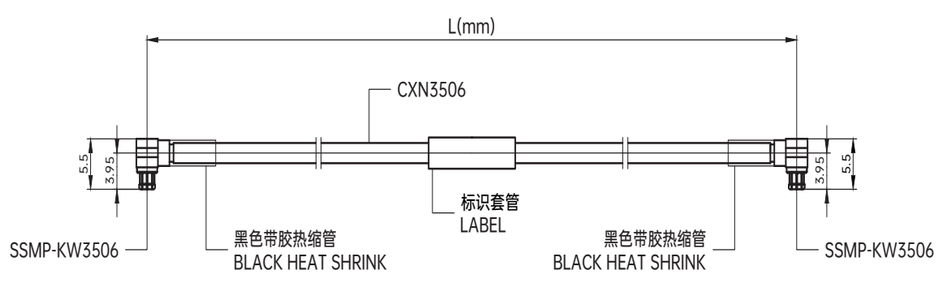


* 典型测试结果 Typical test result for SSMP-KW3506/SSMP-KW3506-500mm

主要性能指标 Specifications

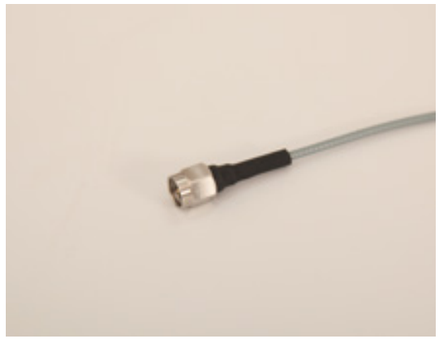
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR		
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	67 GHz	18 GHz	26.5 GHz	40 GHz
SSMP-KW3506	插孔弯头 Female, Right Angle	CXN3506 柔性 Flexible	0.23	0.5	1.64	6.8	1.92	2.37	2.96	3.31	3.92	1.2	1.25	/
				1	3.28	14.8	3.34	4.12	5.15	5.79	6.85			
				1.5	4.92	22.8	4.76	5.87	7.35	8.28	9.79			
				2	6.56	30.8	6.18	7.62	9.54	10.76	12.72			
				3	9.84	46.8	9.02	11.12	13.93	15.73	18.59			
				5	16.40	78.8	14.70	18.12	22.71	25.67	30.33			

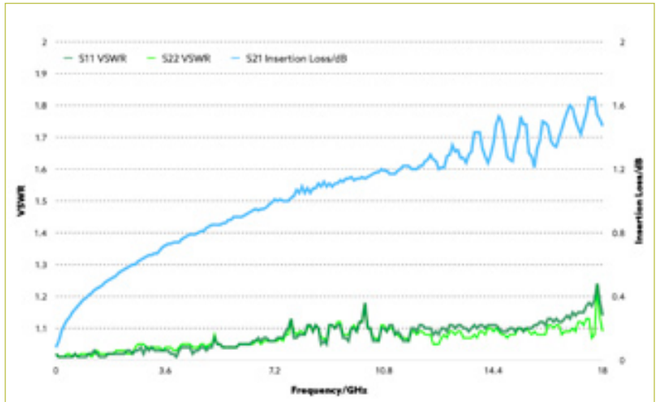
外形图 Outline Dimension



SMA-J3506GX

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max



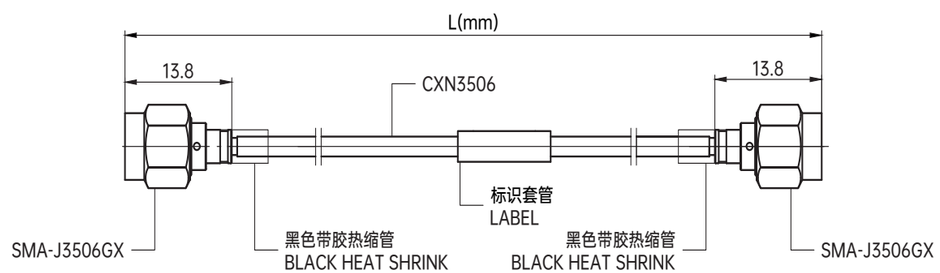


* 典型测试结果 Typical test result for SMA-J3506GX/SMA-J3506GX-500mm

主要性能指标 Specifications

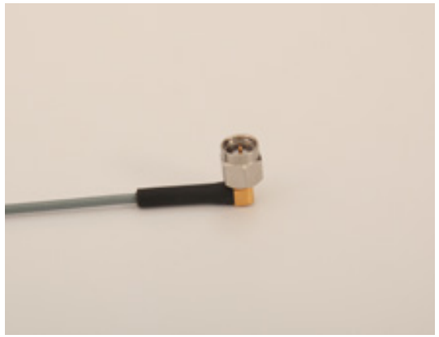
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-J3506GX	插针直头 Male, Straight	CXN3506 柔性 Flexible	2.51	0.5	1.64	11	0.75	1.09	1.26	1.56	1.92	1.1	1.1	1.15	1.2	1.25
				1	3.28	19	1.30	1.88	2.18	2.70	3.34					
				1.5	4.92	27	1.85	2.67	3.10	3.84	4.76					
				2	6.56	35	2.40	3.46	4.02	4.98	6.18					
				3	9.84	51	3.50	5.04	5.86	7.26	9.02					
				5	16.40	83	5.70	8.20	9.54	11.82	14.70					

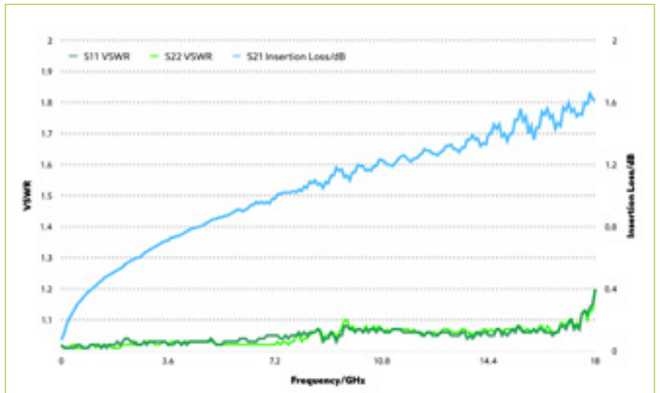
外形图 Outline Dimension



SMA-JW3506GX

- 频率达到 18Ghz / Frequency up to 18Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25 max



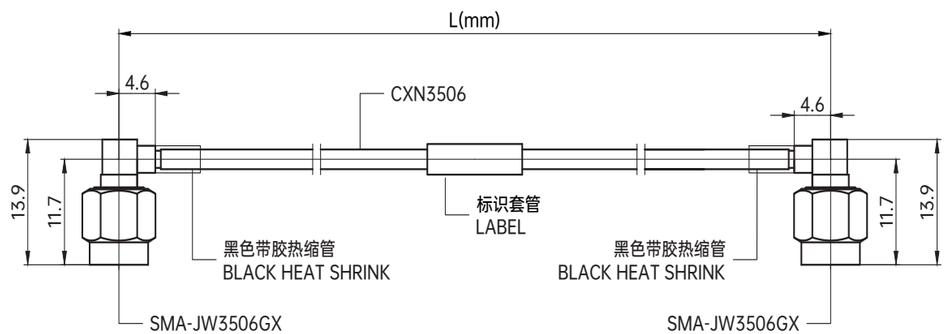


* 典型测试结果 Typical test result for SMA-JW3506GX/SMA-JW3506GX-500mm

主要性能指标 Specifications

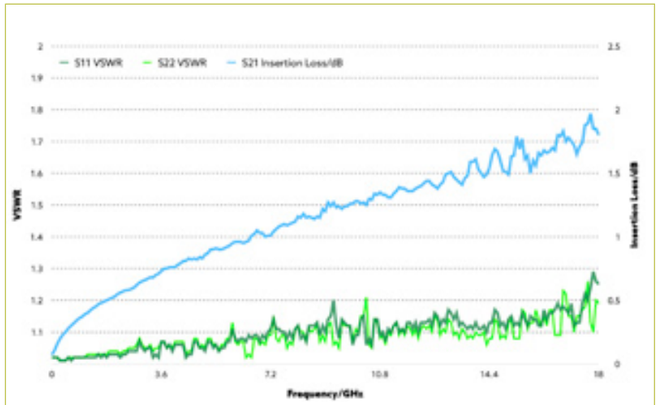
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JW3506GX	插针弯头 Male, Right Angle	CXN3506 柔性 Flexible	2.65	0.5	1.64	11.7	0.75	1.09	1.26	1.56	1.92	1.05	1.05	1.1	1.15	1.25
				1	3.28	19.7	1.30	1.88	2.18	2.70	3.34					
				1.5	4.92	27.7	1.85	2.67	3.10	3.84	4.76					
				2	6.56	35.7	2.40	3.46	4.02	4.98	6.18					
				3	9.84	51.7	3.50	5.04	5.86	7.26	9.02					
				5	16.40	83.7	5.70	8.20	9.54	11.82	14.70					

外形图 Outline Dimension



SMA-JB2

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Semi Flexible cable
- VSWR 1.35 max

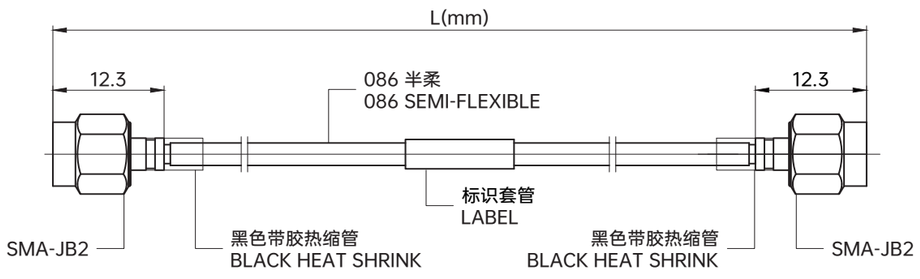


* 典型测试结果 Typical test result for SMA-JB2/SMA-JB2-500mm

主要性能指标 Specifications

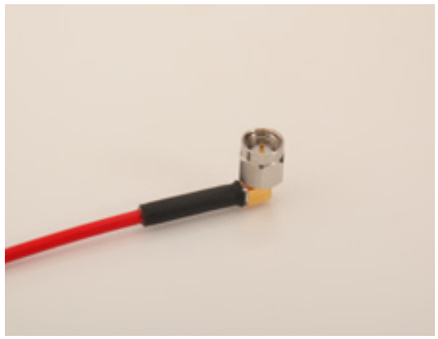
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JB2	插针直头 Male, Straight	086 半柔 Semi-flexible	2.74	0.5	1.64	16	0.83	1.22	1.42	1.79	2.24	1.1	1.15	1.2	1.3	1.35
				1	3.28	26	1.45	2.14	2.50	3.16	3.98					
				1.5	4.92	36	2.08	3.06	3.58	4.53	5.72					
				2	6.56	46	2.70	3.98	4.66	5.90	7.46					
				3	9.84	66	3.95	5.82	6.82	8.64	10.94					
				5	16.40	106	6.45	9.50	11.14	14.12	17.90					

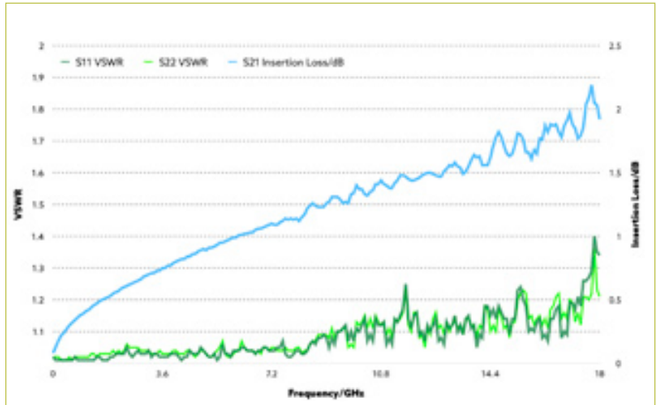
外形图 Outline Dimension



SMA-JWB2

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 半柔性电缆 /Semi Flexible cable
- VSWR 1.3 max



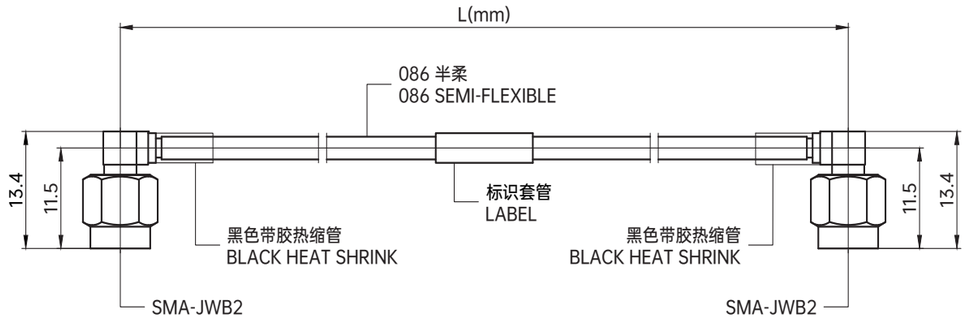


* 典型测试结果 Typical test result for SMA-JWB2/SMA-JWB2-500mm

主要性能指标 Specifications

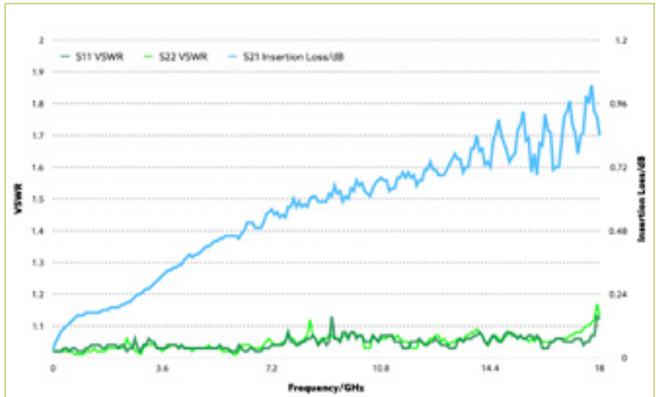
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JWB2	插针弯头 Male, Right Angle	086 半柔 Semi-flexible	2.74	0.5	1.64	16	0.83	1.22	1.42	1.79	2.24	1.1	1.1	1.1	1.3	/
				1	3.28	26	1.45	2.14	2.50	3.16	3.98					
				1.5	4.92	36	2.08	3.06	3.58	4.53	5.72					
				2	6.56	46	2.70	3.98	4.66	5.90	7.46					
				3	9.84	66	3.95	5.82	6.82	8.64	10.94					
				5	16.40	106	6.45	9.50	11.14	14.12	17.90					

外形图 Outline Dimension



SMA-J3507GX

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

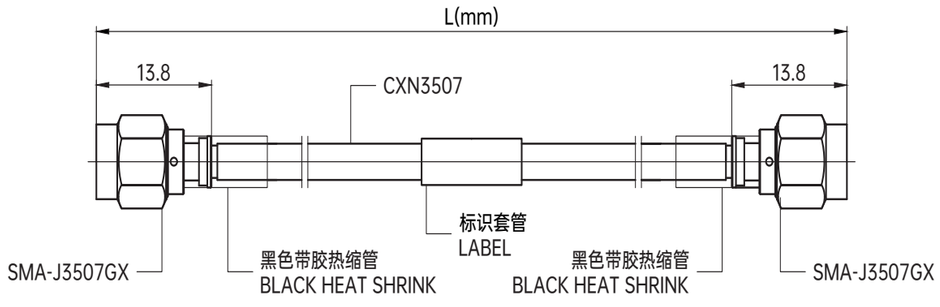


* 典型测试结果 Typical test result for SMA-J3507GX/SMA-J3507GX-500mm

主要性能指标 Specifications

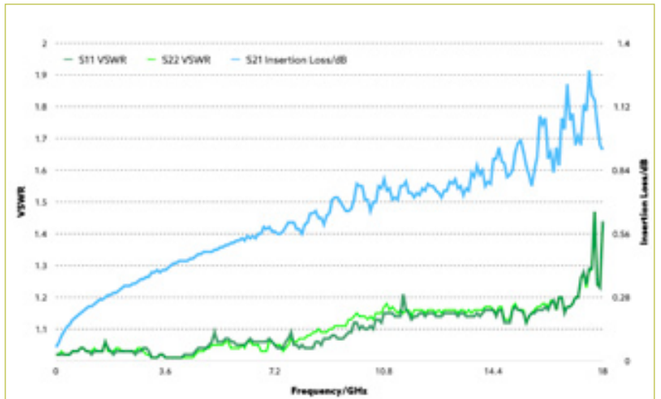
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-J3507GX	插针直头 Male, Straight	CXN3507 柔性 Flexible	2.66	0.5	1.64	21.9	0.51	0.73	0.84	1.04	1.29	1.1	1.1	1.1	1.15	1.25
				1	3.28	38.4	0.81	1.16	1.33	1.66	2.08					
				1.5	4.92	54.9	1.12	1.59	1.83	2.28	2.87					
				2	6.56	71.4	1.42	2.02	2.32	2.90	3.66					
				3	9.84	104.4	2.03	2.88	3.31	4.14	5.24					
				5	16.40	170.4	3.25	4.60	5.29	6.62	8.40					

外形图 Outline Dimension



SMA-JW3507GX

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

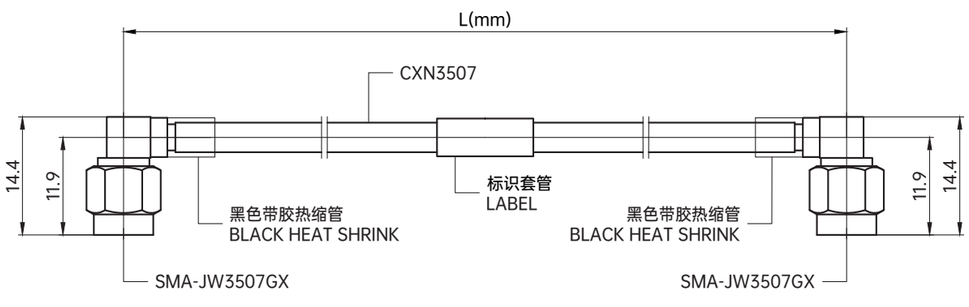


* 典型测试结果 Typical test result for SMA-JW3507GX/SMA-JW3507GX-500mm

主要性能指标 Specifications

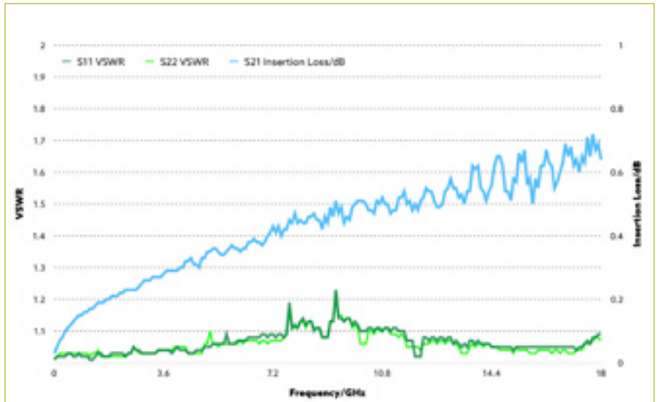
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JW3507GX	插针弯头 Male, Right Angle	CXN3507 柔性 Flexible	3.27	0.5	1.64	23.4	0.51	0.73	0.84	1.04	1.29	1.1	1.1	1.1	1.25	/
				1	3.28	39.9	0.81	1.16	1.33	1.66	2.08					
				1.5	4.92	56.4	1.12	1.59	1.83	2.28	2.87					
				2	6.56	72.9	1.42	2.02	2.32	2.90	3.66					
				3	9.84	105.9	2.03	2.88	3.31	4.14	5.24					
				5	16.40	171.9	3.25	4.60	5.29	6.62	8.40					

外形图 Outline Dimension



SMA-J3449

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

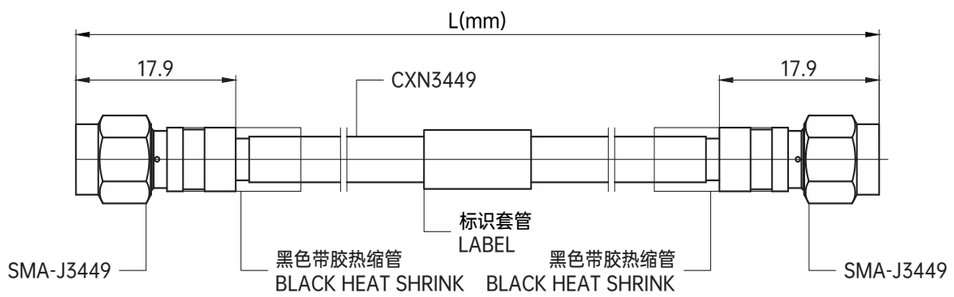


* 典型测试结果 Typical test result for SMA-J3449/SMA-J3449-500mm

主要性能指标 Specifications

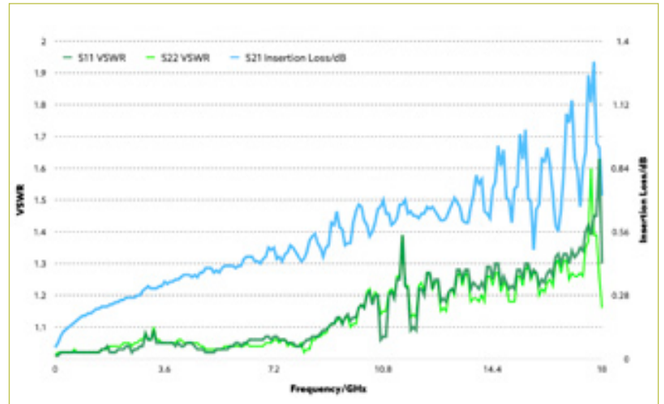
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-J3449	插针直头 Male, Straight	CXN3449 柔性 Flexible	3.37	0.5	1.64	33.9	0.42	0.60	0.69	0.86	1.03	1.1	1.15	1.2	125	1.25
				1	3.28	60.9	0.63	0.90	1.04	1.29	1.56					
				1.5	4.92	87.9	0.85	1.20	1.39	1.73	2.09					
				2	6.56	114.9	1.06	1.50	1.74	2.16	2.62					
				3	9.84	168.9	1.49	2.10	2.44	3.03	3.68					
				5	16.40	276.9	2.35	3.30	3.84	4.77	5.80					

外形图 Outline Dimension



SMA-JW3449

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.4 max

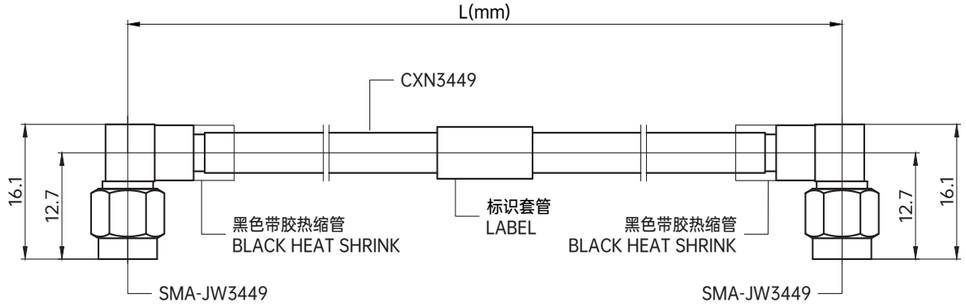


* 典型测试结果 Typical test result for SMA-JW3449/SMA-JW3449-500mm

主要性能指标 Specifications

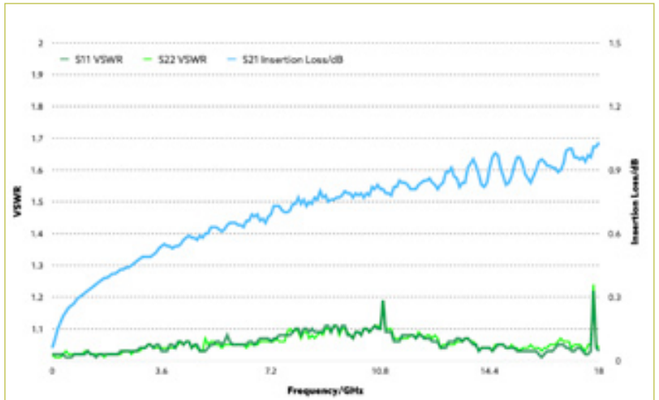
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JW3449	插针弯头 Male, Right Angle	CXN3449 柔性 Flexible	4.61	0.5	1.64	37.4	0.42	0.60	0.69	0.86		1.1	1.15	1.15	1.4	/
				1	3.28	64.4	0.63	0.90	1.04	1.29						
				1.5	4.92	91.4	0.85	1.20	1.39	1.73						
				2	6.56	118.4	1.06	1.50	1.74	2.16						
				3	9.84	172.4	1.49	2.10	2.44	3.03						
				5	16.40	280.4	2.35	3.30	3.84	4.77						

外形图 Outline Dimension



SMA-JUFB142A

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

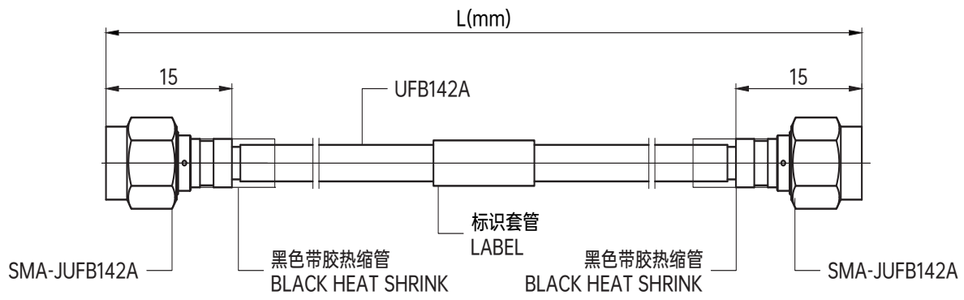


* 典型测试结果 Typical test result for SMA-JUFB142A/SMA-JUFB142A-500mm

主要性能指标 Specifications

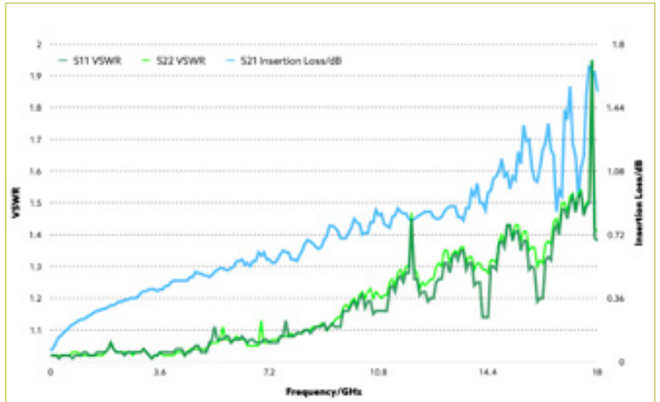
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JUFB142A	插针直头 Male, Straight	UFB142A 柔性 Flexible	2.68	0.5	1.64	21.4	0.51	0.73	0.84	1.04	1.29	1.05	1.1	1.15	1.2	1.25
				1	3.28	37.9	0.81	1.16	1.33	1.66	2.08					
				1.5	4.92	54.4	1.12	1.59	1.83	2.28	2.87					
				2	6.56	70.9	1.42	2.02	2.32	2.90	3.66					
				3	9.84	103.9	2.03	2.88	3.31	4.14	5.24					
				5	16.40	169.9	3.25	4.60	5.29	6.62	8.40					

外形图 Outline Dimension



SMA-JWUFB142A

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.5 max

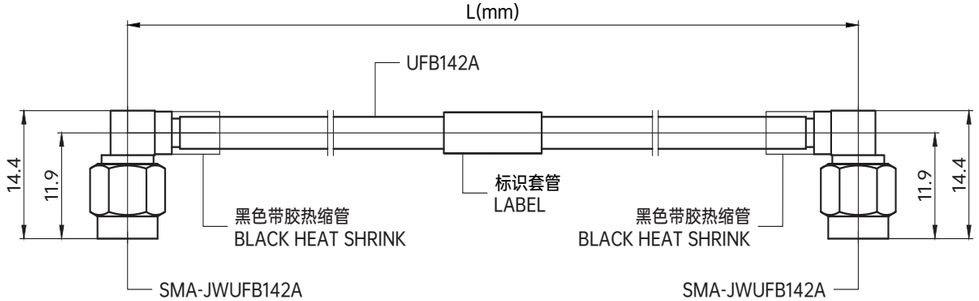


* 典型测试结果 Typical test result for SMA-JWUFB142A/SMA-JWUFB142A-500mm

主要性能指标 Specifications

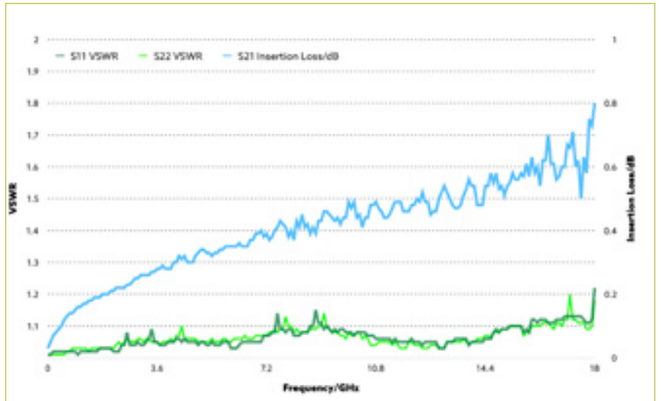
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JWUFB142A	插针弯头 Male, Right Angle	UFB142A 柔性 Flexible	3.14	0.5	1.64	22.5	0.51	0.73	0.84	1.04		1.1	1.15	1.15	1.5	/
				1	3.28	39	0.81	1.16	1.33	1.66						
				1.5	4.92	55.5	1.12	1.59	1.83	2.28						
				2	6.56	72	1.42	2.02	2.32	2.90						
				3	9.84	105	2.03	2.88	3.31	4.14						
				5	16.40	171	3.25	4.60	5.29	6.62						

外形图 Outline Dimension



SMA-JUFB205A

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

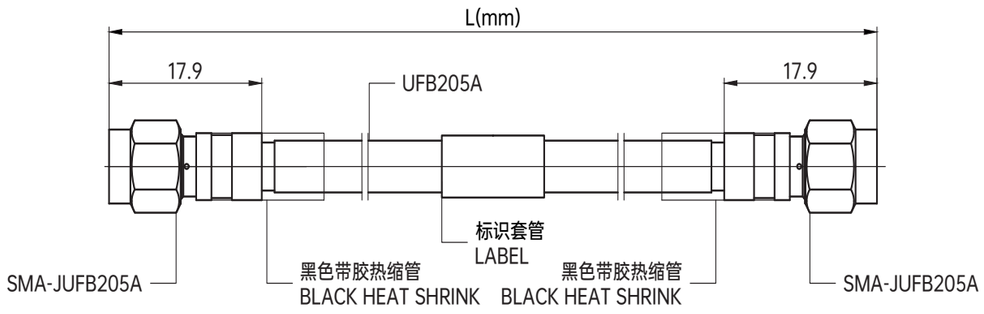


* 典型测试结果 Typical test result for SMA-JUFB205A/SMA-JUFB205A-500mm

主要性能指标 Specifications

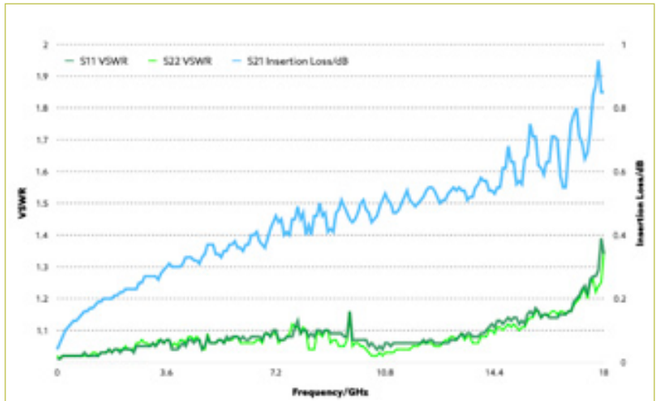
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JUFB205A	插针直头 Male, Straight	UFB205A 柔性 Flexible	3.4	0.5	1.64	37.4	0.41	0.60	0.68	0.84	1.03	1.1	1.15	1.15	1.2	1.25
				1	3.28	70.4	0.62	0.89	1.02	1.26	1.55					
				1.5	4.92	103.4	0.83	1.19	1.36	1.68	2.08					
				2	6.56	136.4	1.04	1.48	1.70	2.10	2.60					
				3	9.84	202.4	1.46	2.07	2.38	2.94	3.65					
				5	16.40	334.4	2.30	3.25	3.74	4.62	5.75					

外形图 Outline Dimension



SMA-JWUFB205A

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25max

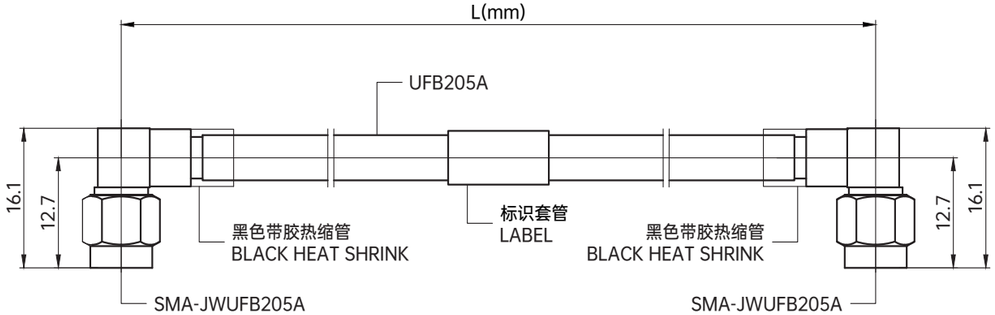


* 典型测试结果 Typical test result for SMA-JWUFB205A/SMA-JWUFB205A-500mm

主要性能指标 Specifications

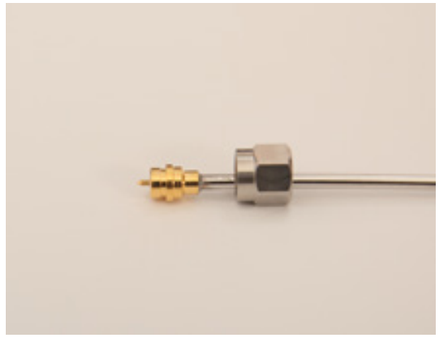
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JWUFB205A	插针弯头 Male, Right Angle	UFB205A 柔性 Flexible	4.15	0.5	1.64	40.1	0.41	0.60	0.68	0.84		1.1	1.1	1.15	1..25	/
				1	3.28	73.1	0.62	0.89	1.02	1.26						
				1.5	4.92	106.1	0.83	1.19	1.36	1.68						
				2	6.56	139.1	1.04	1.48	1.70	2.10						
				3	9.84	205.1	1.46	2.07	2.38	2.94						
				5	16.40	337.1	2.30	3.25	3.74	4.62						

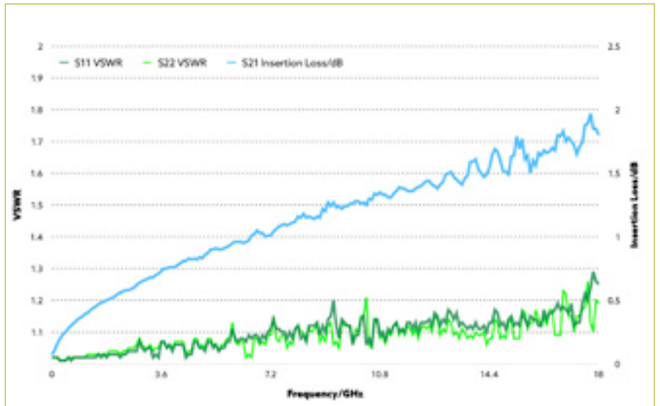
外形图 Outline Dimension



SMA-JB2

- 频率达到 18Ghz / Frequency up to 18Ghz
- 半钢性电缆 / Semi Rigid Cable
- VSWR 1.25 max



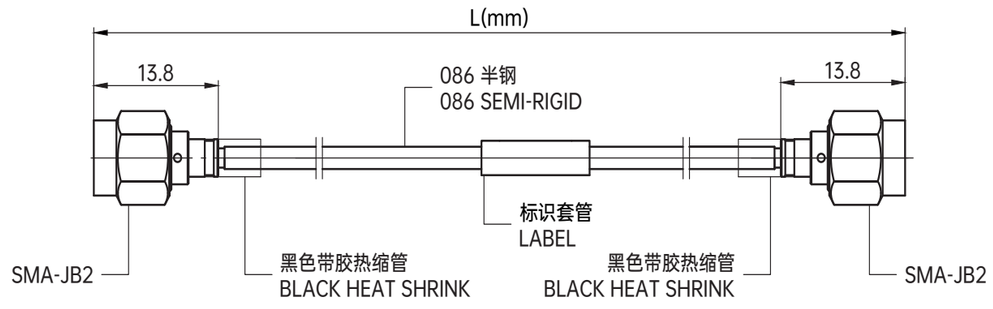


* 典型测试结果 Typical test result for SMA-JB2/SMA-JB2-200mm

主要性能指标 Specifications

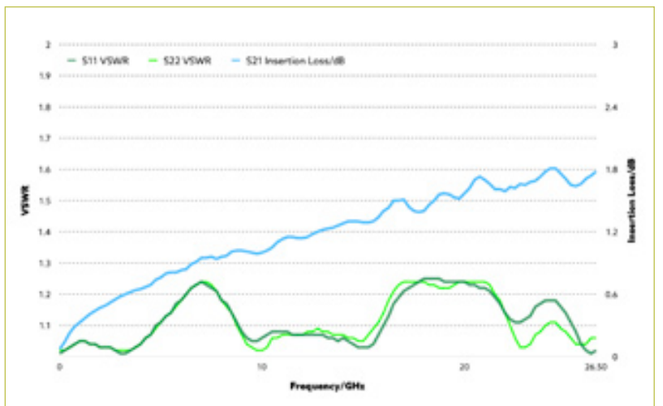
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
SMA-JB2	插针直头 Male, Straight	086 半钢 Semi-rigid	2.12	0.2	0.66	8.6	0.45	0.67	0.77	0.97	1.20	1.1	1.1	1.15	1.15	1.25
				1	3.28	10.28	1.45	2.14	2.50	3.16	3.98					
				1.5	4.92	20.78	2.08	3.06	3.58	4.53	5.72					
				2	6.56	31.28	2.70	3.98	4.66	5.90	7.46					
				3	9.84	52.28	3.95	5.82	6.82	8.64	10.94					
				5	16.40	94.28	6.45	9.50	11.14	14.12	17.90					

外形图 Outline Dimension



SSMA-J3506GX

- 频率达到 26.5Ghz / Frequency up to 26.5Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.3 max

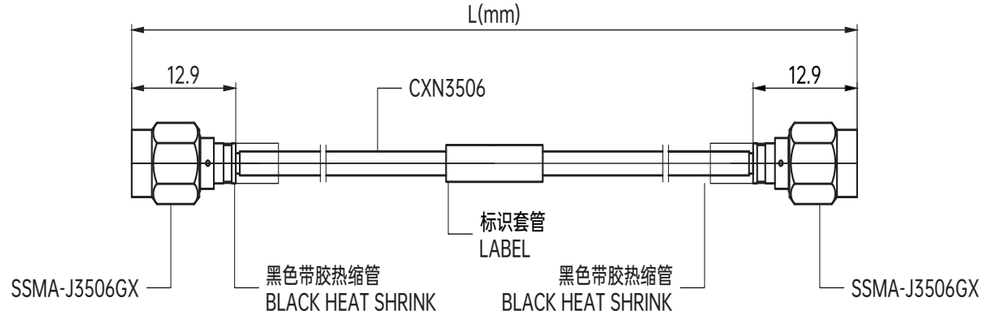


* 典型测试结果 Typical test result for SSMA-J3506GX/SSMA-J3506GX-500mm

主要性能指标 Specifications

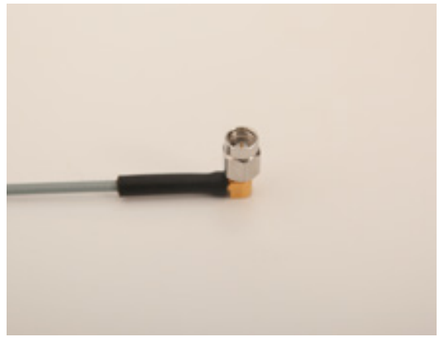
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SSMA-J3506GX	插针直头 Male, Straight	CXN3506 柔性 Flexible	1.71	0.5	1.64	9.7	0.75	1.09	1.26	1.56	1.92	2.37	1.1	1.2	1.25	1.25	1.3	1.3
				1	3.28	17.7	1.30	1.88	2.18	2.70	3.34	4.12						
				1.5	4.92	25.7	1.85	2.67	3.10	3.84	4.76	5.87						
				2	6.56	33.7	2.40	3.46	4.02	4.98	6.18	7.62						
				3	9.84	49.7	3.50	5.04	5.86	7.26	9.02	11.12						
				5	16.40	81.7	5.70	8.20	9.54	11.82	14.70	18.12						

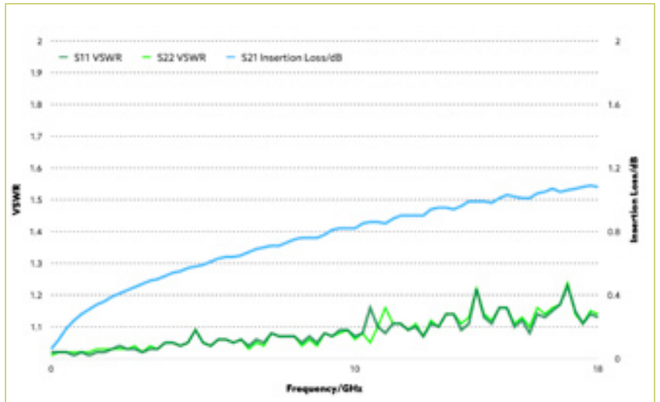
外形图 Outline Dimension



SSMA-JW3506GX

- 频率达到 18Ghz / Frequency up to 18Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.25 max



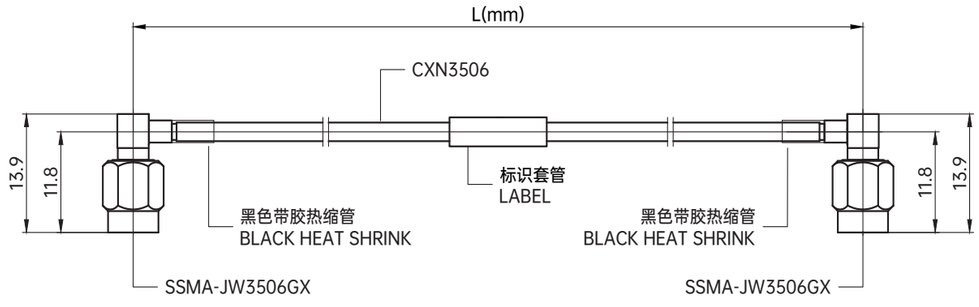


* 典型测试结果 Typical test result for SSMA-JW3506GX/SSMA-JW3506GX-500mm

主要性能指标 Specifications

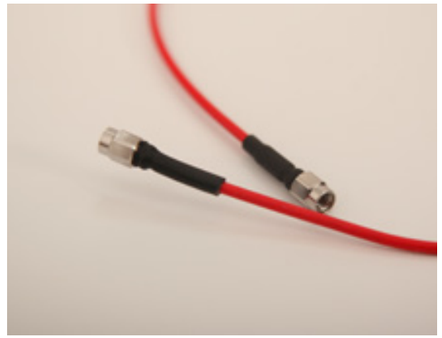
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SSMA-JW3506GX	插针弯头 Male, Right Angle	CXN3506 柔性 Flexible	2.01	0.5	1.64	10.2	0.75	1.09	1.26	1.56	1.92	2.37	1.1	1.2	1.25	1.25	1.25	/
				1	3.28	18.2	1.30	1.88	2.18	2.70	3.34	4.12						
				1.5	4.92	26.2	1.85	2.67	3.10	3.84	4.76	5.87						
				2	6.56	34.2	2.40	3.46	4.02	4.98	6.18	7.62						
				3	9.84	50.2	3.50	5.04	5.86	7.26	9.02	11.12						
				5	16.40	82.2	5.70	8.20	9.54	11.82	14.70	18.12						

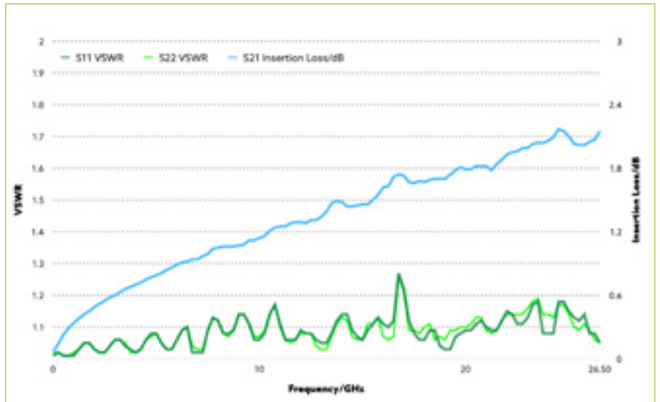
外形图 Outline Dimension



SSMA-JB2

- 频率达到 26.5Ghz / Frequency up to 26.5Ghz
- 半柔性电缆 /Semi Flexible cable
- VSWR 1.35 max



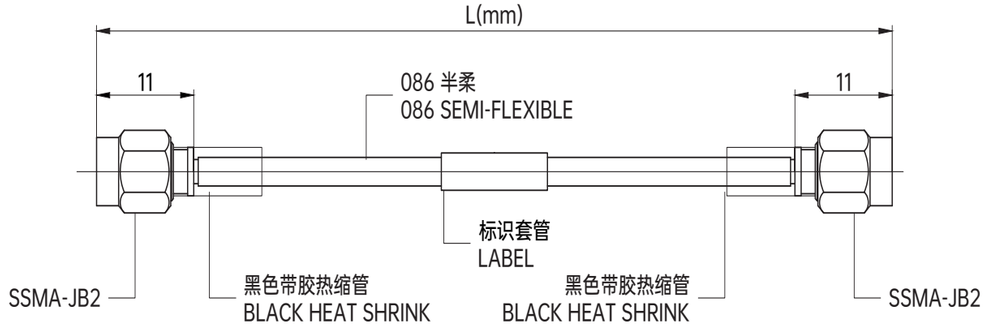


* 典型测试结果 Typical test result for SSMA-JB2/SSMA-JB2-500mm

主要性能指标 Specifications

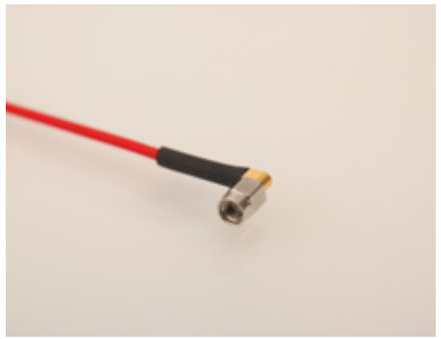
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SSMA-JB2	插针直头 Male, Straight	086 半柔 Semi-flexible	1.59	0.5	1.64	13.5	0.83	1.22	1.42	1.79	2.24	2.83	1.1	1.1	1.2	1.25	1.3	1.35
				1	3.28	23.5	1.45	2.14	2.50	3.16	3.98	5.03						
				1.5	4.92	33.5	2.08	3.06	3.58	4.53	5.72	7.24						
				2	6.56	43.5	2.70	3.98	4.66	5.90	7.46	9.44						
				3	9.84	63.5	3.95	5.82	6.82	8.64	10.94	13.85						
				5	16.40	103.5	6.45	9.50	11.14	14.12	17.90	22.67						

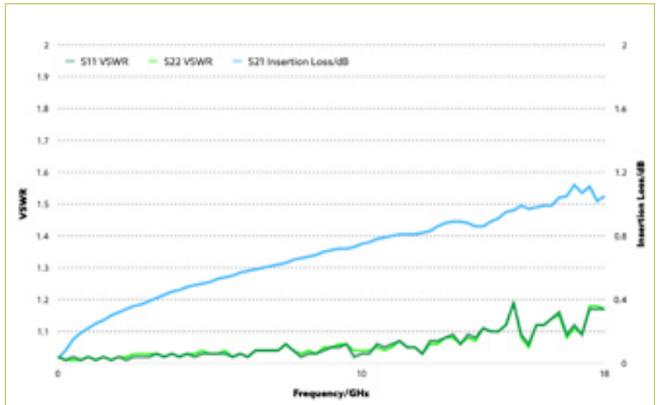
外形图 Outline Dimension



SSMA-JWB2

- 频率达到 18Ghz / Frequency up to 18Ghz
- 弯头连接 / Elbow connection
- 半柔性电缆 /Semi Flexible cable
- VSWR 1.5 max



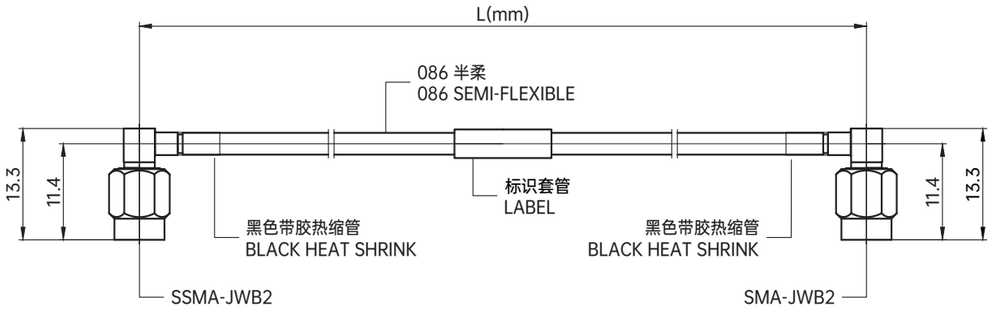


* 典型测试结果 Typical test result for SSMA-JWB2/SSMA-JWB2-500mm

主要性能指标 Specifications

接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SSMA-JWB2	插针弯头 Male, Right Angle	086 半柔 Semi-flexible	1.96	0.5	1.64	14.4	0.83	1.22	1.42	1.79	2.24	2.83	1.1	1.3	1.4	1.5	1.5	/
				1	3.28	24.4	1.45	2.14	2.50	3.16	3.98	5.03						
				1.5	4.92	34.4	2.08	3.06	3.58	4.53	5.72	7.24						
				2	6.56	44.4	2.70	3.98	4.66	5.90	7.46	9.44						
				3	9.84	64.4	3.95	5.82	6.82	8.64	10.94	13.85						
				5	16.40	104.4	6.45	9.50	11.14	14.12	17.90	22.67						

外形图 Outline Dimension



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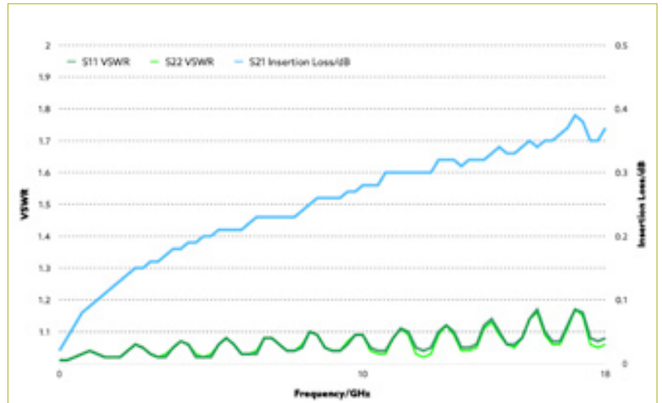
SSMA-JB2

- 频率达到 18Ghz / Frequency up to 18Ghz
- 半钢性电缆 / Semi Rigid Cable
- VSWR 1.3 max

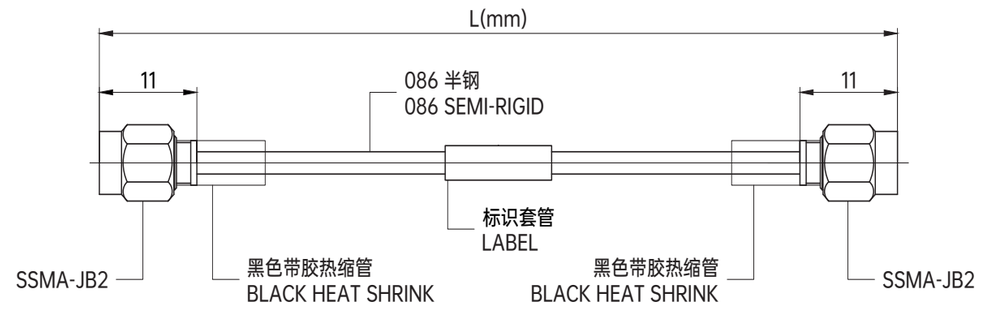


* 典型测试结果 Typical test result for SSMA-JB2/SSMA-JB2-200mm

主要性能指标 Specifications

接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	
SSMA-JB2	插针直头 Male, Straight	086 半钢 Semi-rigid	1.59	0.2	0.66	7.76	0.45	0.67	0.77	0.97	1.20		1.1	1.2	1.3	1.3	1.3	
				1	3.28	9.44	1.45	2.14	2.50	3.16	3.98							
				1.5	4.92	19.94	2.08	3.06	3.58	4.53	4.53							
				2	6.56	30.44	2.70	3.98	4.66	5.90	5.90							
				3	9.84	51.44	3.95	5.82	6.82	8.64	8.64							
				5	16.40	93.44	6.45	9.50	11.14	14.12	14.12							

外形图 Outline Dimension



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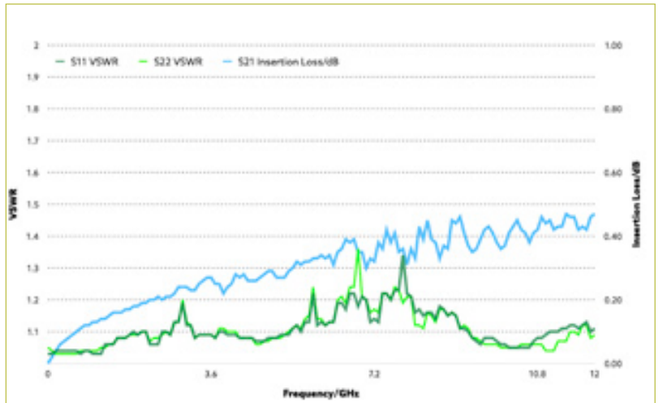
BMA-KYT3449

- 频率达到 12Ghz / Frequency up to 12Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.4 max

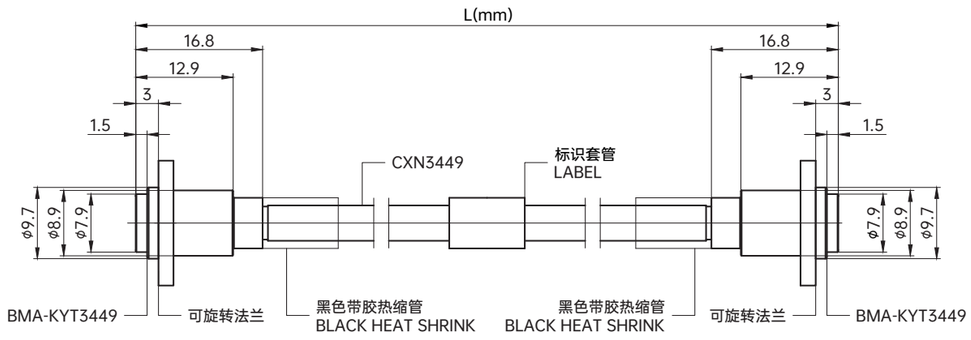


* 典型测试结果 Typical test result for BMA-KYT3449/BMA-KYT3449-500mm

主要性能指标 Specifications

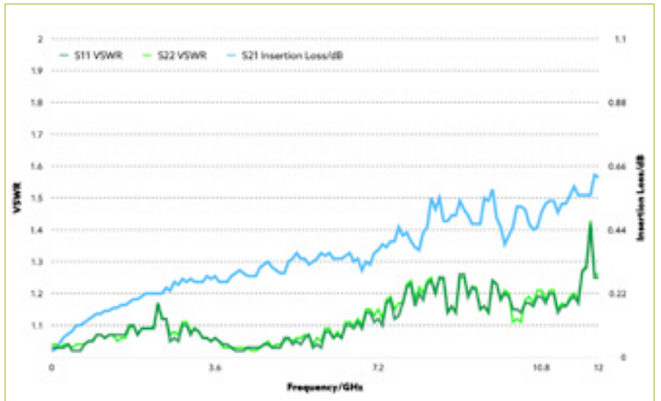
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
BMA-KYT3449	插孔直头 Female, Straight	CXN3449 柔性 Flexible	4.29	0.5	1.64	36	0.46	0.70	0.81	1.00	1.17	1.2	1.25	1.4	1.4	/
				1	3.28	63	0.67	1.00	1.16	1.43	1.70					
				1.5	4.92	90	0.89	1.30	1.51	1.87	2.23					
				2	6.56	117	1.10	1.60	1.86	2.30	2.76					
				3	9.84	171	1.53	2.20	2.56	3.17	3.82					
				5	16.40	279	2.39	3.40	3.96	4.91	5.94					

外形图 Outline Dimension



BMA-KWYT3449

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.5 max

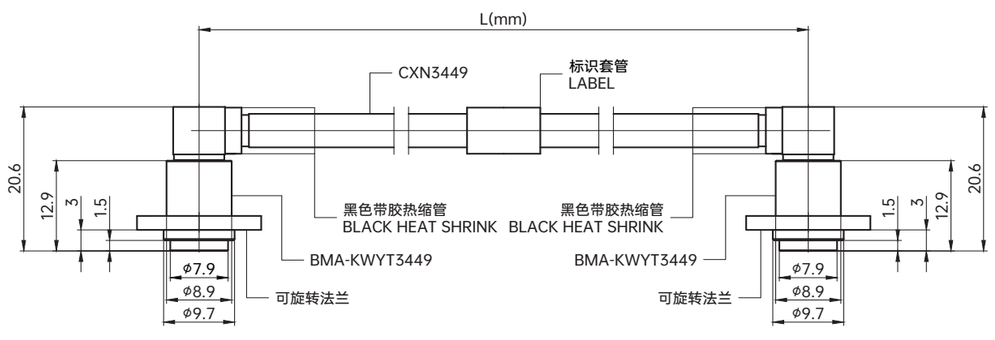


* 典型测试结果 Typical test result for BMA-KWYT3449/BMA-KWYT3449-500mm

主要性能指标 Specifications

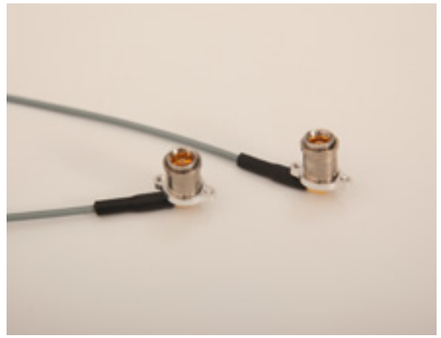
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
BMA-KWYT3449	插孔弯头 Female, Right Angle	CXN3449 柔性 Flexible	8.35	0.5	1.64	41.7	0.46	0.70	0.81	1.00	1.17	1.2	1.2	1.35	1.5	/
				1	3.28	68.7	0.67	1.00	1.16	1.43	1.70					
				1.5	4.92	95.7	0.89	1.30	1.51	1.87	2.23					
				2	6.56	122.7	1.10	1.60	1.86	2.30	2.76					
				3	9.84	176.7	1.53	2.20	2.56	3.17	3.82					
				5	16.40	284.7	2.39	3.40	3.96	4.91	5.94					

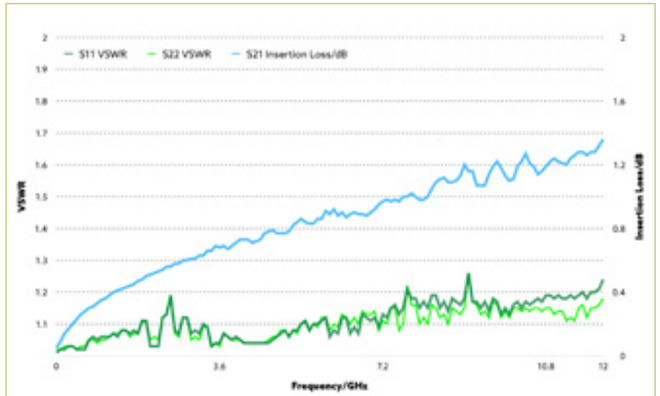
外形图 Outline Dimension



BMA-KWYT3506

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.35 max



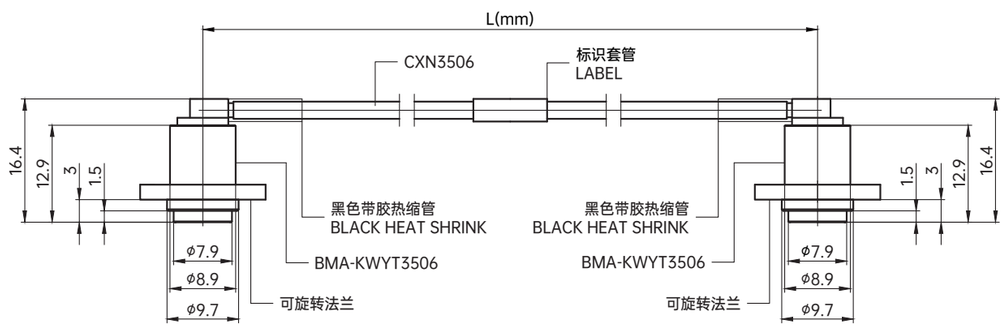


* 典型测试结果 Typical test result for BMA-KWYT3506/BMA-KWYT3506-500mm

主要性能指标 Specifications

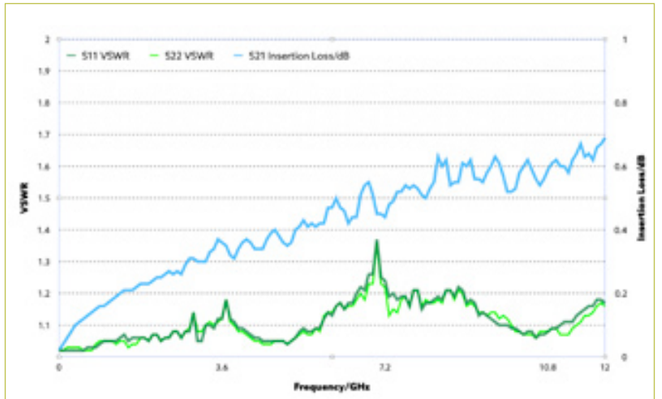
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
BMA-KWYT3506	插孔弯头 Female, Right Angle	CXN3506 柔性 Flexible	4.64	0.5	1.64	15.5	0.83	1.19	1.38	1.70	2.10	1.2	1.2	1.25	1.35	/
				1	3.28	23.5	1.38	1.98	2.30	2.84	3.52					
				1.5	4.92	31.5	1.93	2.77	3.22	3.98	4.94					
				2	6.56	39.5	2.48	3.56	4.14	5.12	6.36					
				3	9.84	55.5	3.58	5.14	5.98	7.40	9.20					
				5	16.40	87.5	5.78	8.30	9.66	11.96	14.88					

外形图 Outline Dimension



BMA-KYT3507

- 频率达到 12Ghz / Frequency up to 12Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.4 max

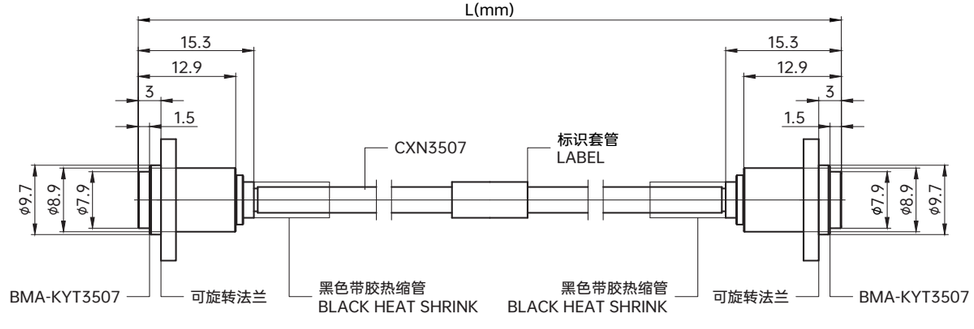


* 典型测试结果 Typical test result for BMA-KYT3507/BMA-KYT3507-500mm

主要性能指标 Specifications

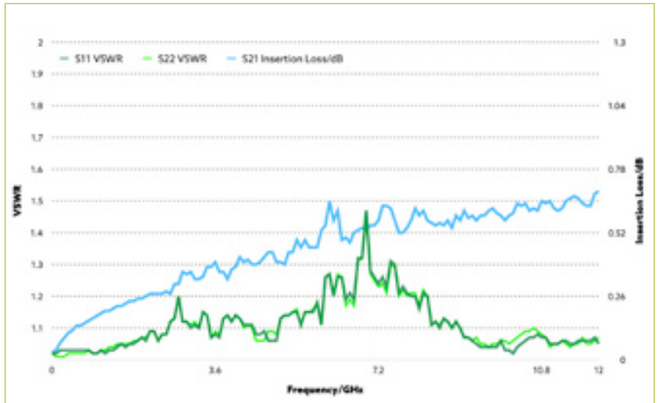
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
BMA-KYT3507	插孔直头 Female, Straight	CXN3507 柔性 Flexible	4.43	0.5	1.64	25.2	0.59	0.83	0.96	1.18	1.47	1.2	1.25	1.4	1.4	/
				1	3.28	41.7	0.89	1.26	1.45	1.80	2.26					
				1.5	4.92	58.2	1.20	1.69	1.95	2.42	3.05					
				2	6.56	74.7	1.50	2.12	2.44	3.04	3.84					
				3	9.84	107.7	2.11	2.98	3.43	4.28	5.42					
				5	16.40	173.7	3.33	4.70	5.41	6.76	8.58					

外形图 Outline Dimension



BMA-KWYT3507

- 频率达到 12Ghz / Frequency up to 12Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.5 max

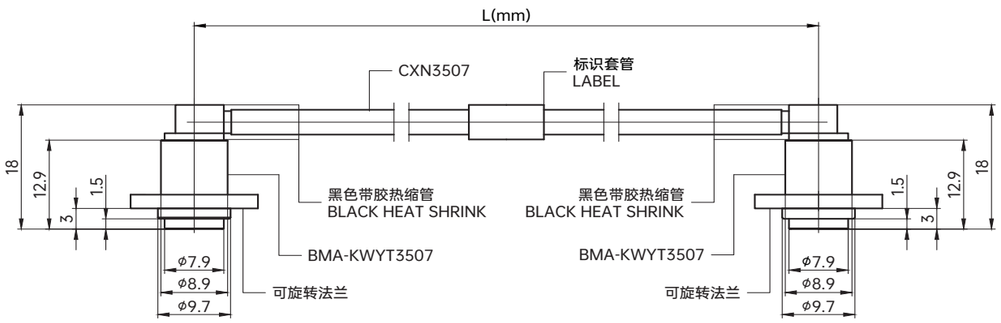


* 典型测试结果 Typical test result for BMA-KWYT3507/BMA-KWYT3507-500mm

主要性能指标 Specifications

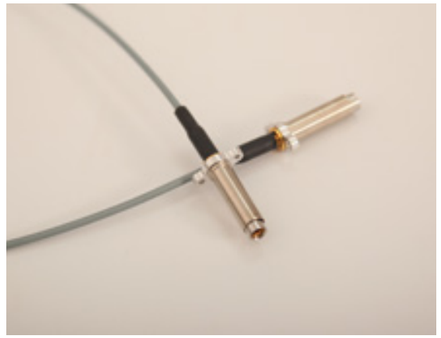
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz
BMA-KWYT3507	插孔弯头 Female, Right Angle	CXN3507 柔性 Flexible	5.17	0.5	1.64	27.6	0.59	0.83	0.96	1.18	1.47	1.2	1.4	1.5	1.5	/v
				1	3.28	44.1	0.89	1.26	1.45	1.80	2.26					
				1.5	4.92	60.6	1.20	1.69	1.95	2.42	3.05					
				2	6.56	77.1	1.50	2.12	2.44	3.04	3.84					
				3	9.84	110.1	2.11	2.98	3.43	4.28	5.42					
				5	16.40	176.1	3.33	4.70	5.41	6.76	8.58					

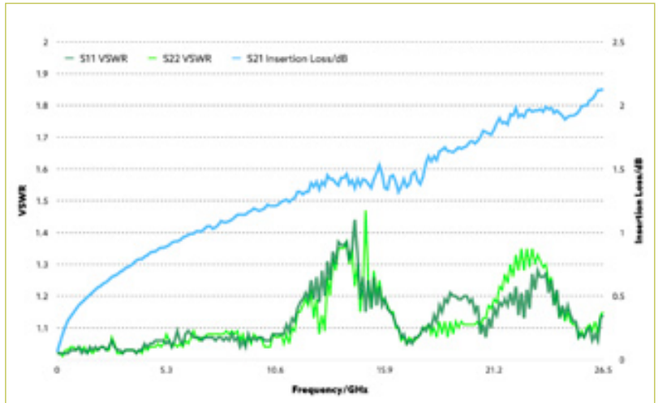
外形图 Outline Dimension



SBMA-KYT3506

- 频率达到 18Ghz / Frequency up to 18Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.5 max



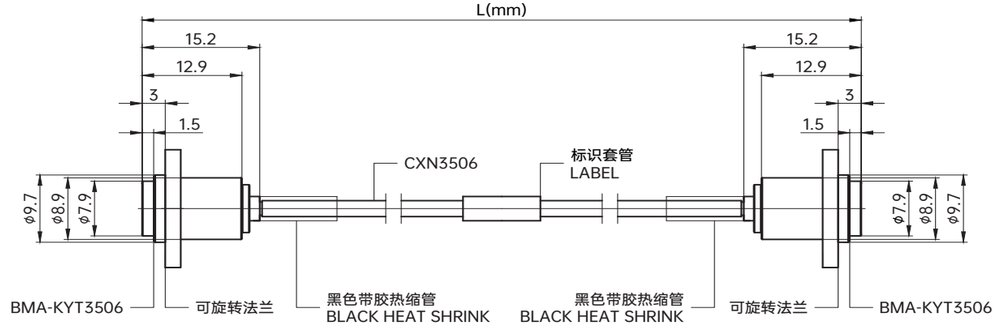


* 典型测试结果 Typical test result for SBMA-KYT3506/SBMA-KYT3506-500mm

主要性能指标 Specifications

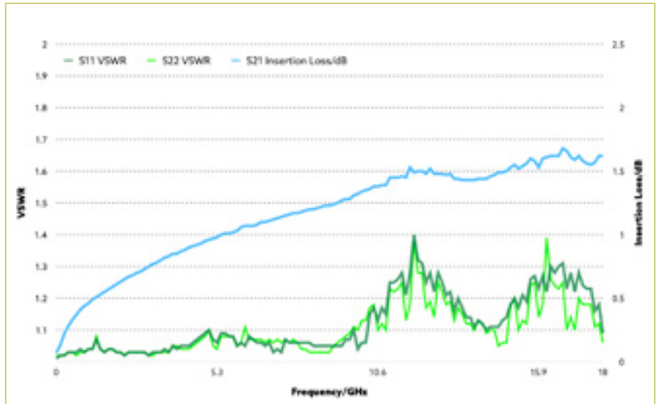
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SBMA-KYT3506	插孔直头 Female, Straight	CXN3506 柔性 Flexible	3.64	0.5	1.64	13	0.83	1.19	1.38	1.70	2.10	2.57	1.1	1.1	1.15	1.25	1.5	/
				1	3.28	21	1.38	1.98	2.30	2.84	3.52	4.32						
				1.5	4.92	29	1.93	2.77	3.22	3.98	4.94	6.07						
				2	6.56	37	2.48	3.56	4.14	5.12	6.36	7.82						
				3	9.84	53	3.58	5.14	5.98	7.40	9.20	11.32						
				5	16.40	85	5.78	8.30	9.66	11.96	14.88	18.32						

外形图 Outline Dimension



SBMA-KWYT3506

- 频率达到 18Ghz / Frequency up to 18Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.4 max

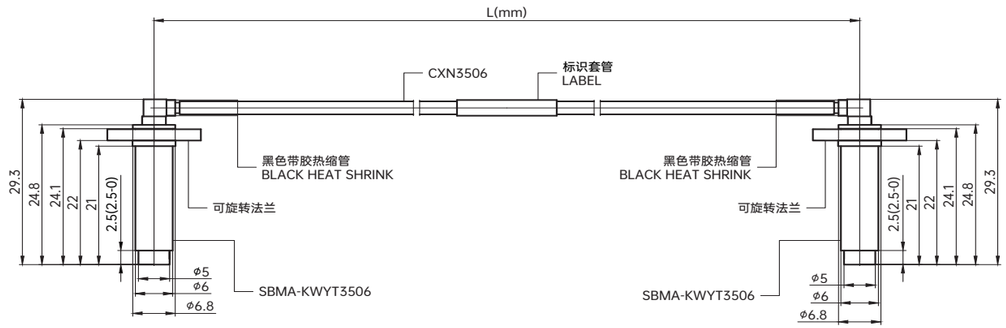


* 典型测试结果 Typical test result for SBMA-KWYT3506/SBMA-KWYT3506-500mm

主要性能指标 Specifications

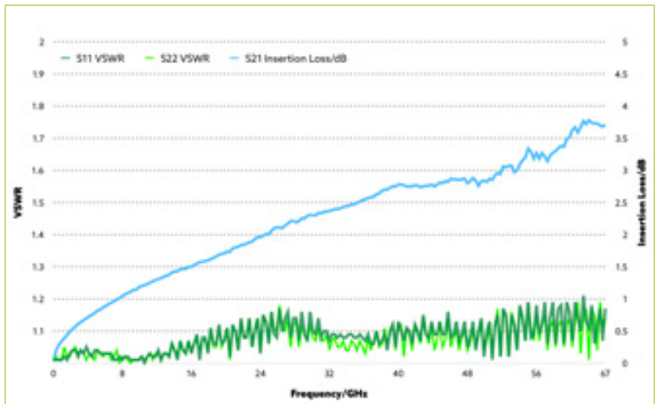
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	14插入损耗 Insetion Loss/dB						驻波 VSWR					
				m	ft		3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz	3 GHz	6 GHz	8 GHz	12 GHz	18 GHz	26.5 GHz
SBMA-KWYT3506	插孔弯头 Female, Right Angle	CXN3506 柔性 Flexible	3.84	0.5	1.64	14.2	0.83	1.19	1.38	1.70	2.10	2.57	1.1	1.15	1.15	1.4	1.4	/
				1	3.28	22.2	1.38	1.98	2.30	2.84	3.52	4.32						
				1.5	4.92	30.2	1.93	2.77	3.22	3.98	4.94	6.07						
				2	6.56	38.2	2.48	3.56	4.14	5.12	6.36	7.82						
				3	9.84	54.2	3.58	5.14	5.98	7.40	9.20	11.32						
				5	16.40	86.2	5.78	8.30	9.66	11.96	14.88	18.32						

外形图 Outline Dimension



1.85-J3506G

- 频率达到 67Ghz / Frequency up to 67Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

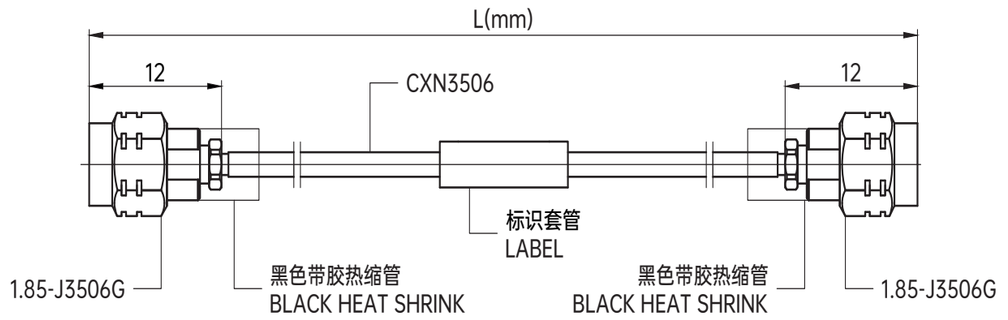


* 典型测试结果 Typical test result for 1.85-J3506G/1.85-J3506G-500mm

主要性能指标 Specifications

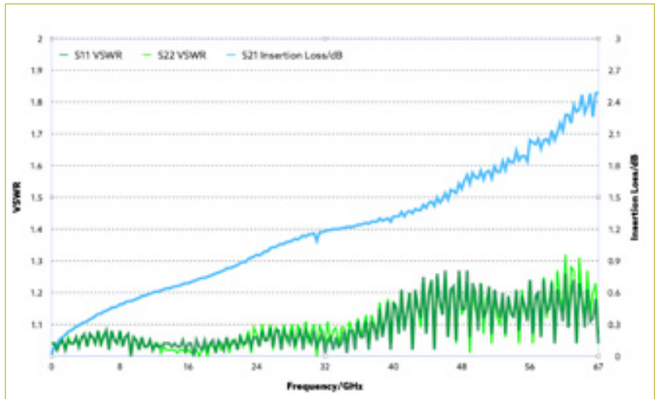
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	67 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz	67 GHz
1.85-J3506G	插针直头 Male, Straight	CXN3506 柔性 Flexible	2.55	0.5	1.64	11.2	1.92	2.37	2.96	3.31	3.92	1.1	1.15	1.2	1.2	1.25
				1	3.28	19.2	3.34	4.12	5.15	5.79	6.85					
				1.5	4.92	27.2	4.76	5.87	7.35	8.28	9.79					
				2	6.56	35.2	6.18	7.62	9.54	10.76	12.72					
				3	9.84	51.2	9.02	11.12	13.93	15.73	18.59					
				5	16.40	83.2	14.70	18.12	22.71	25.67	30.33					

外形图 Outline Dimension



1.85-JB2TG

- 频率达到 67Ghz / Frequency up to 67Ghz
- 半钢性电缆 / Semi Rigid Cable
- VSWR 1.35 max

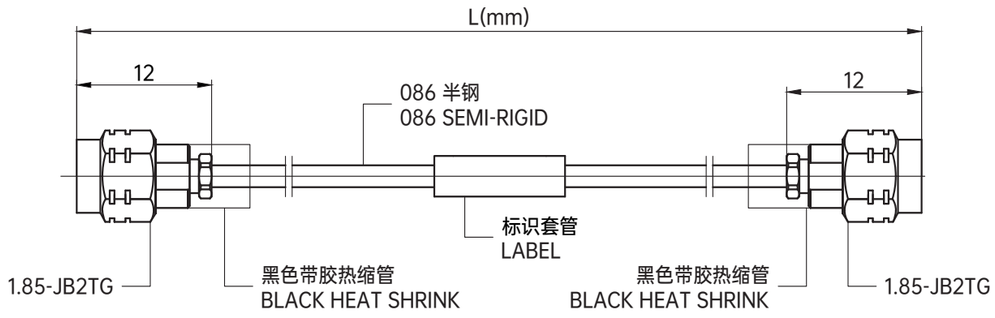


* 典型测试结果 Typical test result for 1.85-JB2TG/1.85-JB2TG-200mm

主要性能指标 Specifications

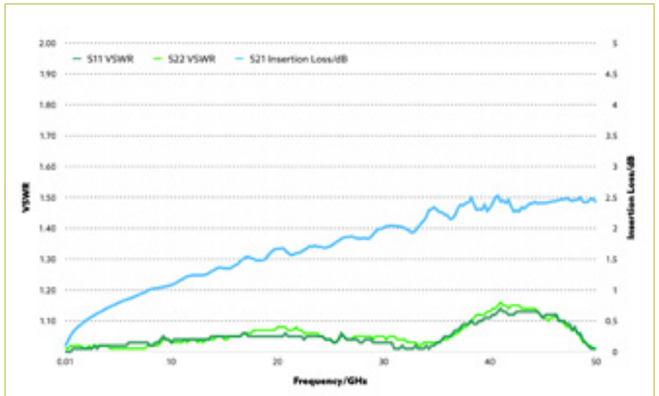
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB					驻波 VSWR				
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	67 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz	67 GHz
1.85-JB2TG	插针直头 Male, Straight	086 半钢 Semi-rigid	2.55	0.2	0.66	9.75	1.14	1.38	1.73	1.92	2.29	1.1	1.15	1.2	1.3	1.35
				0.3	0.98	9.96	1.46	1.76	2.21	2.47	2.95					
				0.4	1.31	10.38	1.78	2.14	2.69	3.02	3.61					
				0.5	1.64	10.59	2.10	2.52	3.18	3.58	4.27					
				1	3.28	11.64	3.69	4.42	5.59	6.33	7.55					
				1.5	14.92	12.69	5.29	6.32	8.01	9.09	10.84					

外形图 Outline Dimension



2.4-J3506G

- 频率达到 50Ghz / Frequency up to 50Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.2 max

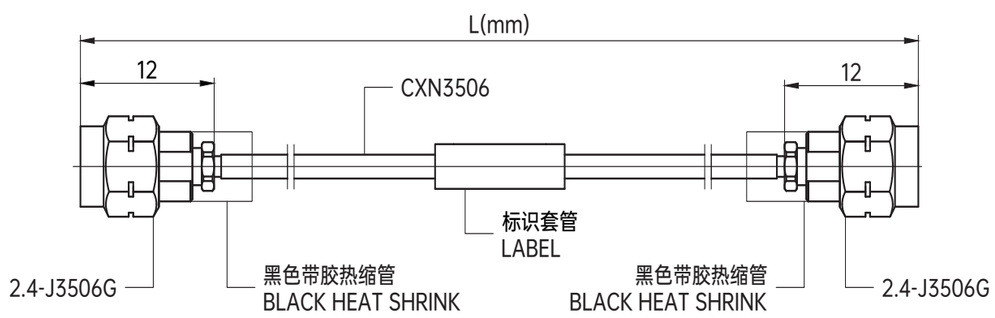


* 典型测试结果 Typical test result for 2.4-J3506G/2.4-J3506G-500mm

主要性能指标 Specifications

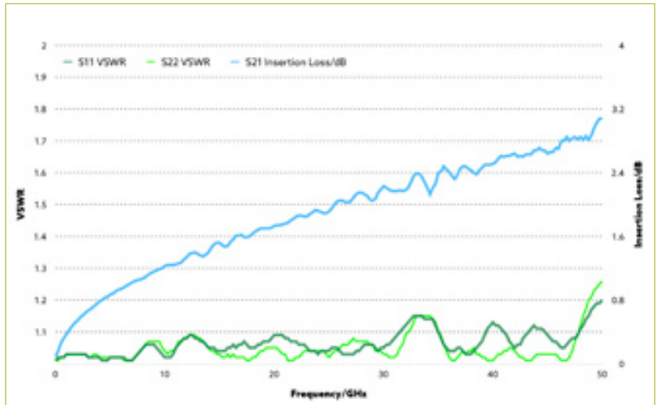
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.4-J3506G	插针直头 Male, Straight	CXN3506 柔性 Flexible	2.5	0.5	1.64	11	1.92	2.37	2.96	3.31	1.1	1.1	1.15	1.2
				1	3.28	19	3.34	4.12	5.15	5.79				
				1.5	4.92	27	4.76	5.87	7.35	8.28				
				2	6.56	35	6.18	7.62	9.54	10.76				
				3	9.84	51	9.02	11.12	13.93	15.73				
				5	16.40	83	14.70	18.12	22.71	25.67				

外形图 Outline Dimension



2.4-K3506G

- 频率达到 50Ghz / Frequency up to 50Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.3 max

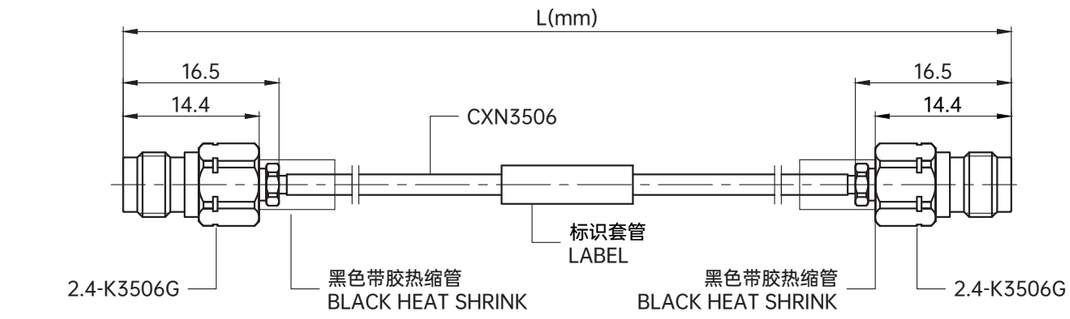


* 典型测试结果 Typical test result for 2.4-K3506G/2.4-K3506G-500mm

主要性能指标 Specifications

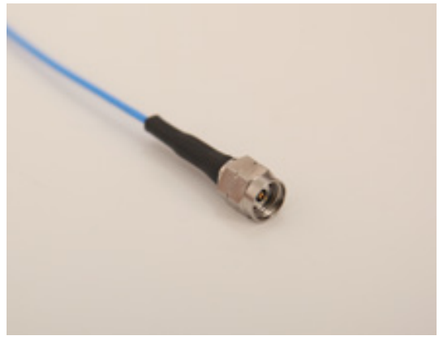
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.4-K3506G	插孔直头 Female, Straight	CXN3506 柔性 Flexible	4	0.5	1.64	13.9	1.92	2.37	2.96	3.31	1.1	1.1	1.2	1.3
				1	3.28	21.9	3.34	4.12	5.15	5.79				
				1.5	4.92	29.9	4.76	5.87	7.35	8.28				
				2	6.56	37.9	6.18	7.62	9.54	10.76				
				3	9.84	53.9	9.02	11.12	13.93	15.73				
				5	16.40	85.9	14.70	18.12	22.71	25.67				

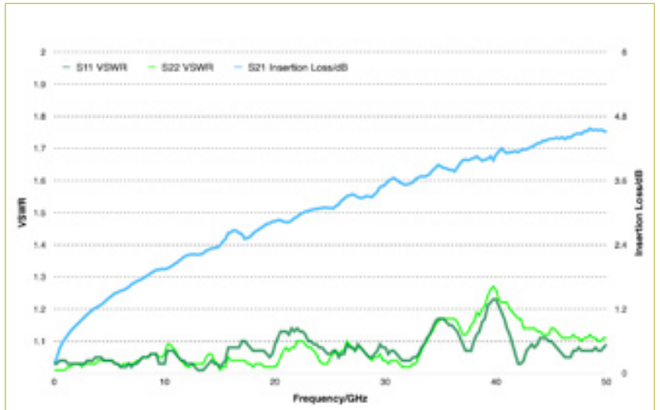
外形图 Outline Dimension



2.4-J047G

- 频率达到 50Ghz / Frequency up to 50Ghz
- 柔性电缆 / Semi Flexible cable
- VSWR 1.3 max



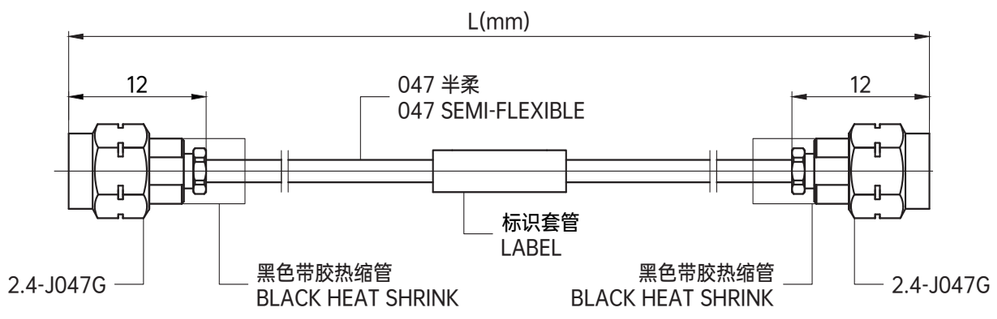


* 典型测试结果 Typical test result for 2.4-J047G/2.4-J047G-500mm

主要性能指标 Specifications

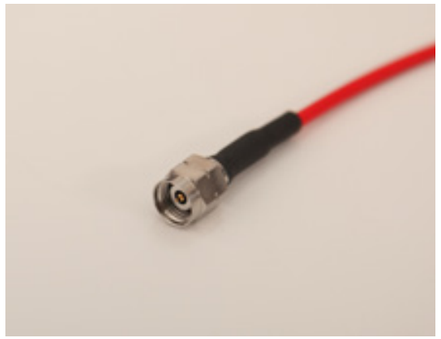
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.4-J047G	插针直头 Male, Straight	047 半柔 Semi-flexible	2.59	0.5	1.64	9.1	3.28	4.00	4.94	5.52	1.12	1.15	1.3	1.3
				1	3.28	12.1	6.05	7.38	9.11	10.20				
				1.5	4.92	15.1	8.83	10.76	13.29	14.88				
				2	6.56	18.1	11.60	14.14	17.46	19.56				
				3	9.84	24.1	17.15	20.90	25.81	28.92				
				5	16.40	36.1	28.25	34.42	42.51	47.64				

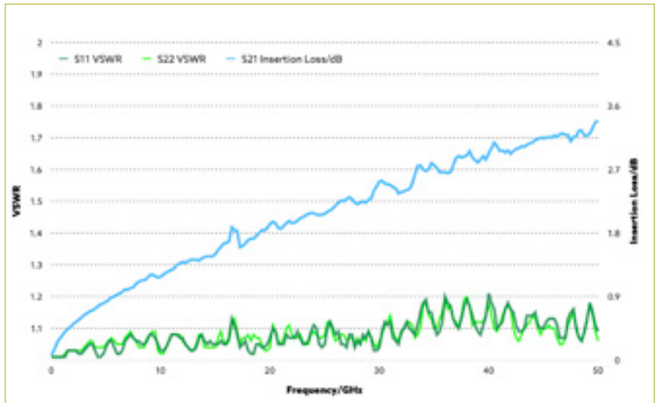
外形图 Outline Dimension



2.4-JB2G-1

- 频率达到 50Ghz / Frequency up to 50Ghz
- 半柔性电缆 / Semi Flexible cable
- VSWR 1.25 max



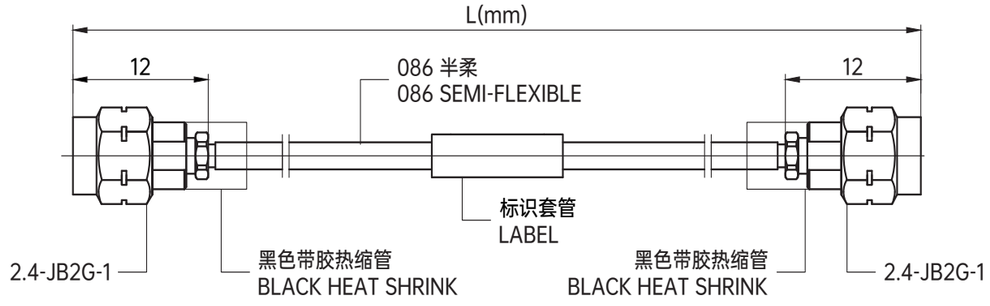


* 典型测试结果 Typical test result for 2.4-JB2G-1/2.4-JB2G-1-500mm

主要性能指标 Specifications

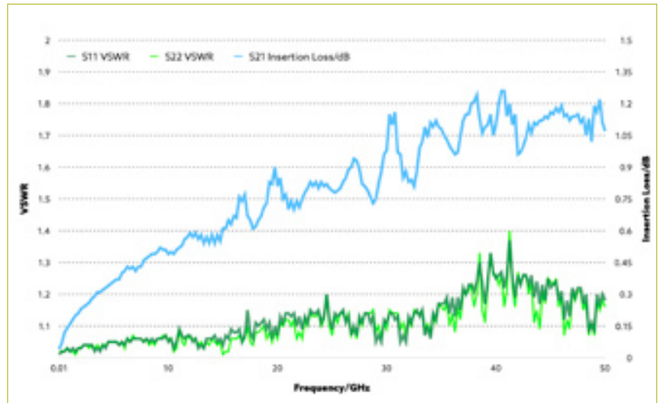
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.4-JB2G-1	插针直头 Male, Straight	086 半柔 Semi-flexible	2.5	0.5	1.64	15.4	2.24	2.83	3.62	4.14	1.15	1.15	1.25	1.25
				1	3.28	25.4	3.98	5.03	6.47	7.43				
				1.5	4.92	35.4	5.72	7.24	9.33	10.73				
				2	6.56	45.4	7.46	9.44	12.18	14.02				
				3	9.84	65.4	10.94	13.85	17.89	20.61				
				5	16.40	105.4	17.90	22.67	29.31	33.79				

外形图 Outline Dimension



2.4-JB2TG

- 频率达到 50Ghz / Frequency up to 50Ghz
- 半钢性电缆 / Semi Rigid Cable
- VSWR 1.4 max

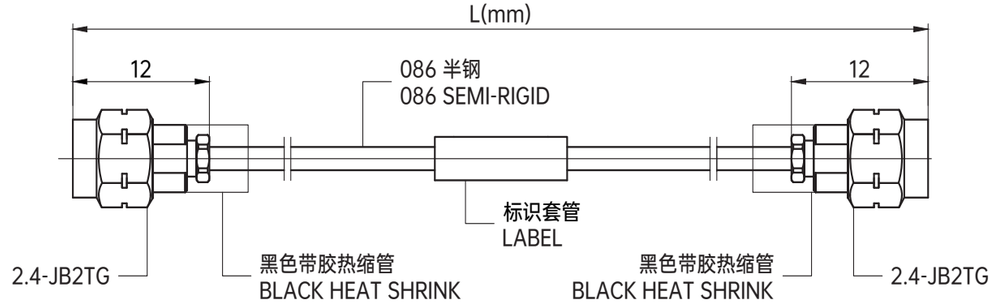


* 典型测试结果 Typical test result for 2.4-JB2TG/2.4-JB2TG-200mm

主要性能指标 Specifications

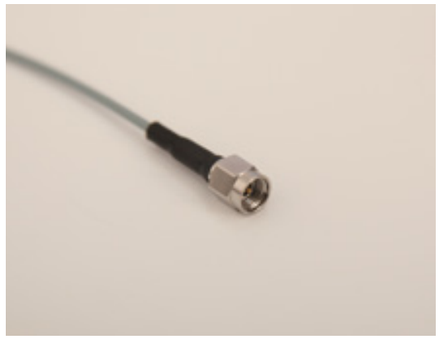
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.4-JB2TG	插针直头 Male, Straight	086 半钢 Semi-rigid	2.5	0.2	0.66	9.75	1.14	1.38	1.73	1.92	1.2	1.25	1.35	1.4
				1	3.28	11.43	3.69	4.42	5.59	6.33				
				1.5	4.92	21.93	5.29	6.32	8.01	9.09				
				2	6.56	32.43	6.88	8.22	10.42	11.84				
				3	9.84	53.43	10.07	12.02	15.25	17.35				
				5	16.40	95.43	16.45	19.62	24.91	28.37				

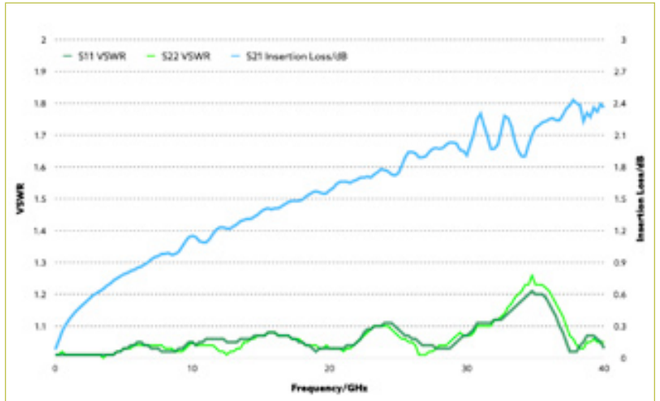
外形图 Outline Dimension



2.92-J3506-1G

- 频率达到 40Ghz / Frequency up to 40Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.3 max



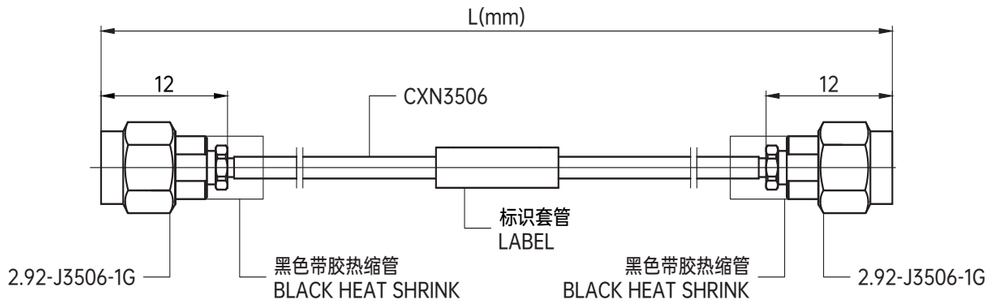


* 典型测试结果 Typical test result for 2.92-J3506-1G/2.92-J3506-1G-500mm

主要性能指标 Specifications

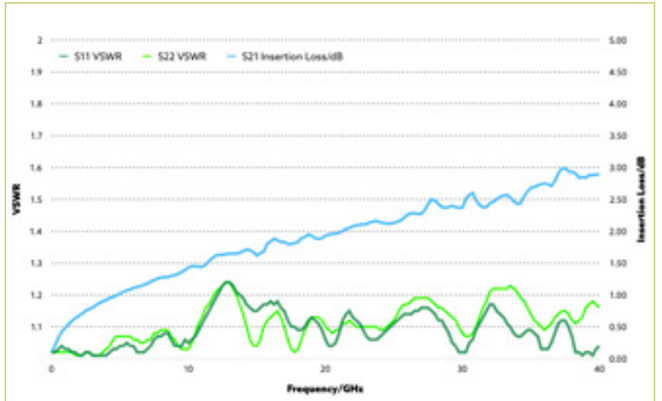
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-J3506-1G	插针直头 Male, Straight	CXN3506 柔性 Flexible	2.6	0.5	1.64	11.5	1.92	2.37	2.96	3.31	1.1	1.15	1.3	/
				1	3.28	19.5	3.34	4.12	5.15	5.79				
				1.5	4.92	27.5	4.76	5.87	7.35	8.28				
				2	6.56	35.5	6.18	7.62	9.54	10.76				
				3	9.84	51.5	9.02	11.12	13.93	15.73				
				5	16.40	83.5	14.70	18.12	22.71	25.67				

外形图 Outline Dimension



2.92-JW3506G

- 频率达到 40Ghz / Frequency up to 40Ghz
- 弯头连接 / Elbow connection
- 柔性电缆 / Flexible cable
- VSWR 1.3 max

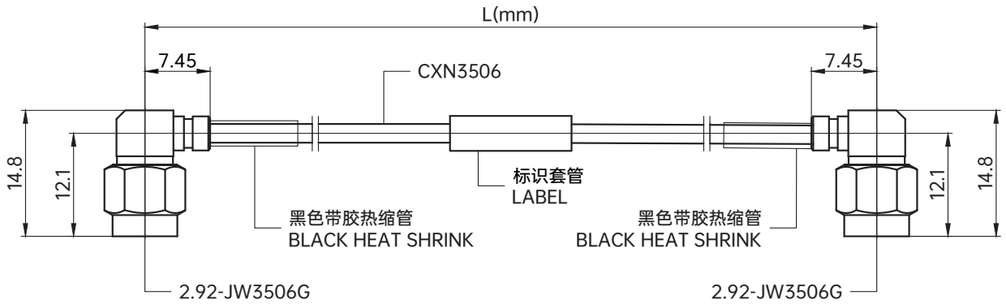


* 典型测试结果 Typical test result for 2.92-JW3506G/2.92-JW3506G-500mm

主要性能指标 Specifications

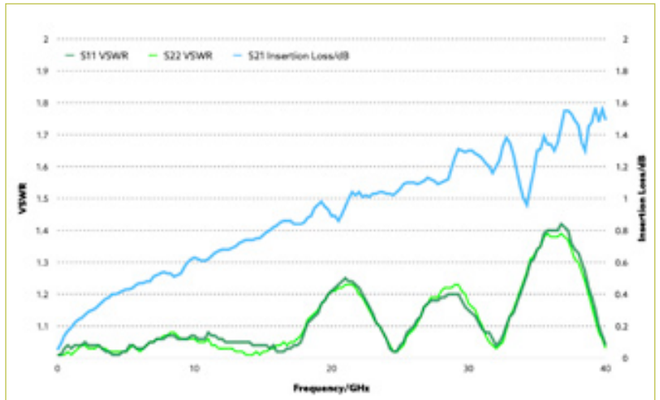
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-JW3506G	插针弯头 Male, Right Angle	CXN3506 柔性 Flexible	4.8	0.5	1.64	15.6	1.92	2.37	2.96		1.25	1.25	1.3	/
				1	3.28	23.6	3.34	4.12	5.15					
				1.5	4.92	31.6	4.76	5.87	7.35					
				2	6.56	39.6	6.18	7.62	9.54					
				3	9.84	55.6	9.02	11.12	13.93					
				5	16.40	87.6	14.70	18.12	22.71					

外形图 Outline Dimension



2.92-J3507G

- 频率达到 26.5Ghz / Frequency up to 26.5Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.3 max

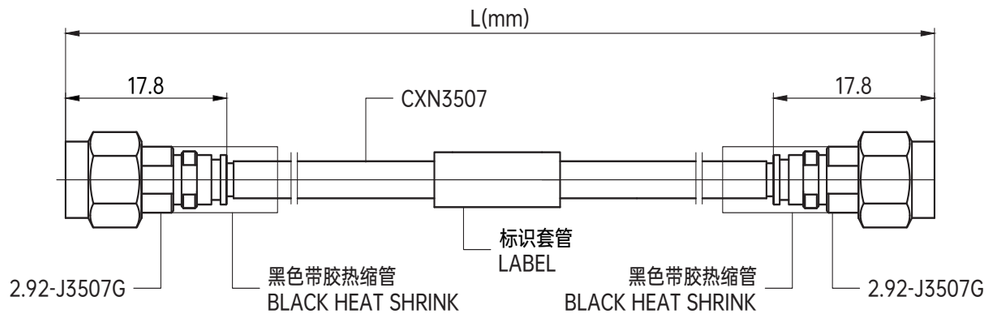


* 典型测试结果 Typical test result for 2.92-J3507G/2.92-J3507G-500mm

主要性能指标 Specifications

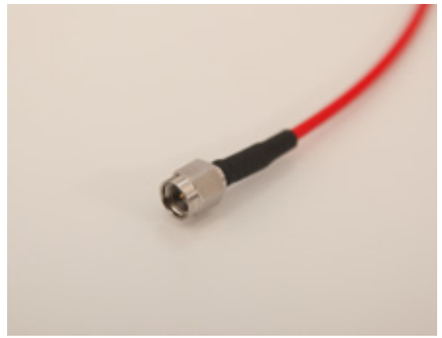
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-J3507G	插针直头 Male, Straight	CXN3507 柔性 Flexible	3.1	0.5	1.64	22.5	1.29	1.67	2.08		1.1	1.3	/	/
				1	3.28	39	2.08	2.71	3.41					
				1.5	4.92	55.5	2.87	3.76	4.73					
				2	6.56	72	3.66	4.80	6.05					
				3	9.84	105	5.24	6.89	8.70					
				5	16.40	171	8.40	11.07	13.99					

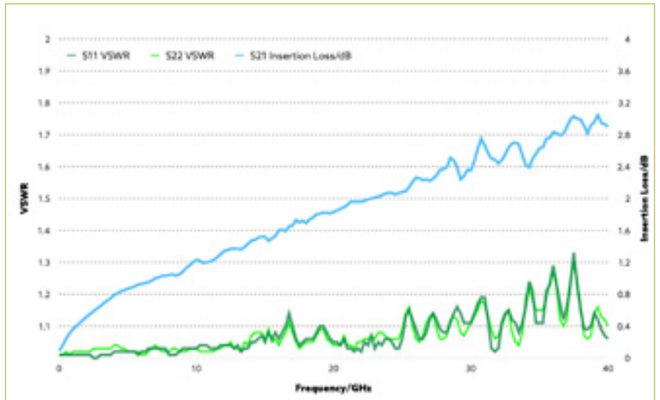
外形图 Outline Dimension



2.92-JB2-1G

- 频率达到 40Ghz / Frequency up to 40Ghz
- 半柔性电缆 / Semi Flexible cable
- VSWR 1.35 max



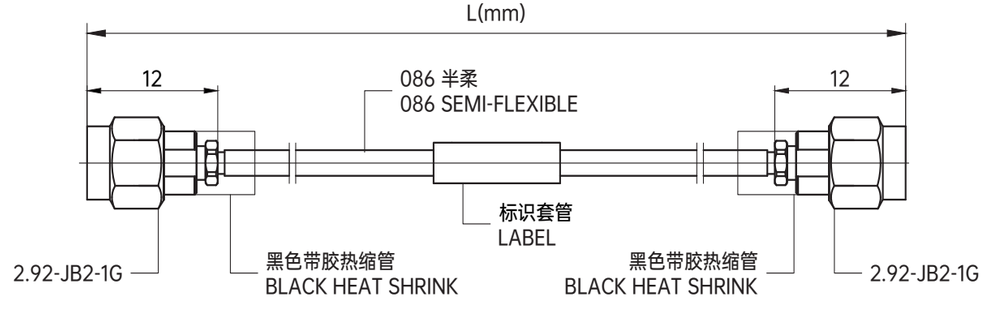


* 典型测试结果 Typical test result for 2.92-JB2-1G/2.92-JB2-1G-500mm

主要性能指标 Specifications

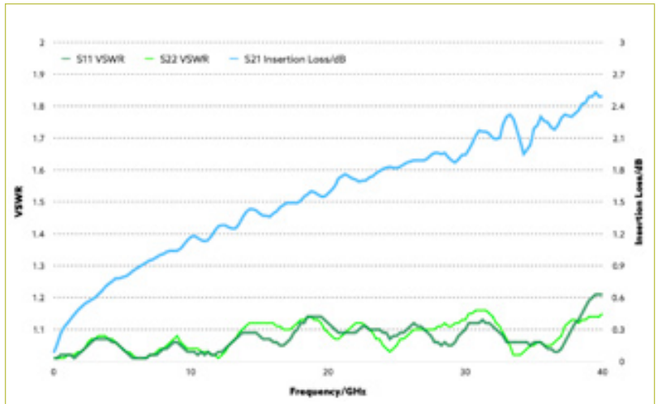
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-JB2-1G	插针直头 Male, Straight	086 半柔 Semi-flexible	2.61	0.5	1.64	15.8	2.24	2.83	3.62	4.14	1.2	1.25	1.35	/
				1	3.28	25.8	3.98	5.03	6.47	7.43				
				1.5	4.92	35.8	5.72	7.24	9.33	10.73				
				2	6.56	45.8	7.46	9.44	12.18	14.02				
				3	9.84	65.8	10.94	13.85	17.89	20.61				
				5	16.40	105.8	17.90	22.67	29.31	33.79				

外形图 Outline Dimension



2.92-K3506-1G

- 频率达到 40Ghz / Frequency up to 40Ghz
- 柔性电缆 / Flexible cable
- VSWR 1.25 max

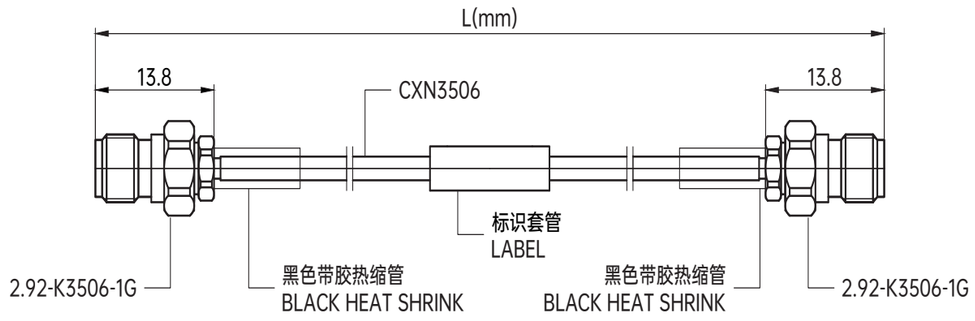


* 典型测试结果 Typical test result for 2.92-K3506-1G-/2.92-K3506-1G-500mm

主要性能指标 Specifications

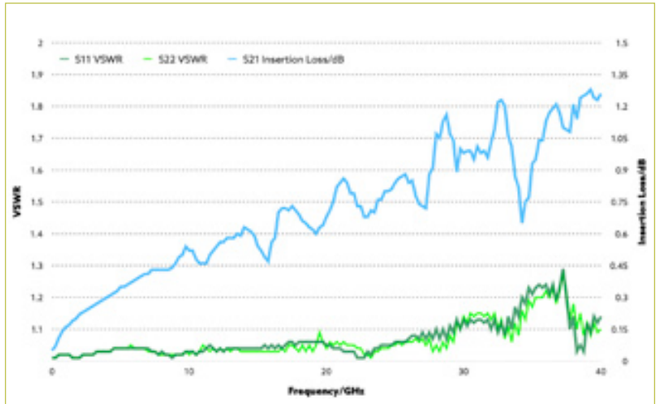
接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-K3506-1G	插孔直头 Female, Straight	CXN3506 柔性 Flexible	3.31	0.5	1.64	12.7	1.92	2.37	2.96	3.31	1.15	1.15	1.25	/
				1	3.28	20.7	3.34	4.12	5.15	5.79				
				1.5	4.92	28.7	4.76	5.87	7.35	8.28				
				2	6.56	36.7	6.18	7.62	9.54	10.76				
				3	9.84	52.7	9.02	11.12	13.93	15.73				
				5	16.40	84.7	14.70	18.12	22.71	25.67				

外形图 Outline Dimension



2.92-JB2TG

- 频率达到 40Ghz / Frequency up to 40Ghz
- 半钢性电缆 / Semi Rigid Cable
- VSWR 1.35 max

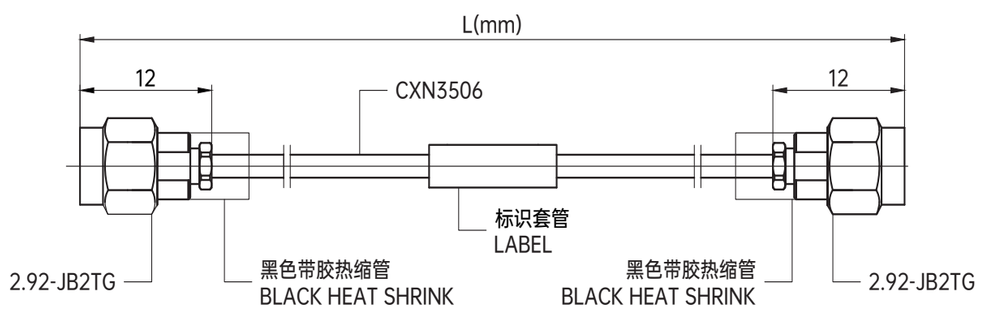


* 典型测试结果 Typical test result for 2.92-JB2TG/2.92-JB2TG-200mm

主要性能指标 Specifications

接头型号 SERIES	连接类型 Type	电缆型号 Cable model	电缆连接器重量 Cable connector weight/g	长度 Length		组件重量 Cable assembly weight/g	插入损耗 Insetion Loss/dB				驻波 VSWR			
				m	ft		18 GHz	26.5 GHz	40 GHz	50 GHz	18 GHz	26.5 GHz	40 GHz	50 GHz
2.92-JB2TG	插针直头 Male, Straight	086 半钢 Semi-rigid	2.61	0.2	0.66	9.8	1.14	1.38	1.73	1.92	1.2	1.25	1.35	/
				1	3.28	11.48	1.38	4.42	5.59	6.33				
				1.5	4.92	21.98	5.29	6.32	8.01	9.09				
				2	6.56	32.48	6.88	8.22	10.42	11.84				
				3	9.84	53.48	10.07	12.02	15.25	17.35				
				5	16.40	95.48	16.45	19.62	24.91	28.37				

外形图 Outline Dimension



Product Catalog
产品手册
2024

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