

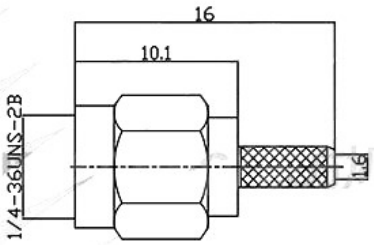
产品规格书
PRODUCT SPECIFICATION

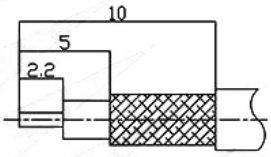
This document contains proprietary information and such informationmay not be disclosed to others for any purposes,
本文件包含专有信息，不得出于任何目的向他人披露此类信息。
not used for sales/marketing/procurement purposes without written permission。
未经书面许可，不得用于销售/营销/采购目的。

1..Electrical/电气	
1.1 Impedance /阻抗	50Ω
1.2 Frequency /频率	DC-6GHz
1.3 VSWR/驻波	≤1.2
1.4Dielectric withstanding voltage /介质耐压	1000V(rms)
1.5 Center contar resistance /中心接触电阻	≤3mΩ
1.6 Outer contart resistance/外部接触电阻	≤2mΩ
1.7 Insulation resistance/绝缘电阻	≥5000MΩ
2 Environmenta &Mechanical/环境与机械	
2.1 Temperture range/温度范围	-45°~+125°
2.2 Rohs Compliant/符合RoHS	
2.3 Durability/耐久性	500cycles

3 Material and Plating/材料和电镀
3.1 Inner Contact/内导体: Brass, Gold plated/黄铜镀金
3.2 Outer Contact/外导体: Brass, Gold plated/黄铜镀金
3.3 Insulators/绝缘体： PTFE/聚四氟乙烯

Suitable cables/适配电缆: RG316.RG174



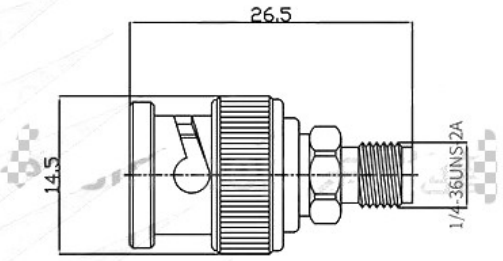


推荐剥线尺寸
Recommended stripping size

产品型号P/N: SMA-C-J-1.5

PRODUCT SPECIFICATION

This document contains proprietary information and such informationmay not be disclosed to others for any purposes,
本文件包含专有信息，不得出于任何目的向他人披露此类信息。
not used for sales/marketing/procurement purposes without written permission。
未经书面许可，不得用于销售/营销/采购目的。



1..Electrical/电气

1.1 Impedance /阻抗	50Ω
1.2 Frequency /频率	DC-4GHz
1.3 VSWR/驻波	≤1.25
1.4 Dielectric withstanding voltage /介质耐压	1000V(rms)
1.5 Center contar resistance /BNC中心接触电阻	≤1.5mΩ
1.6 Outer contart resistance/BNC外部接触电阻	≤1mΩ
1.7 Center contar resistance /SMA中心接触电阻	≤3mΩ
1.8 Outer contart resistance/SMA外部接触电阻	≤2mΩ
1.9 Insulation resistance/绝缘电阻	≥5000MΩ

2 Environmenta &Mechanical/环境与机械

2.1 Temperture range/温度范围	-45°~+125°
2.2 Rohs Compliant/符合RoHS	
2.3 Durability/耐久性	500cycles

3 Material and Plating/材料和电镀

3.1 Inner Contact/内导体: Phosphorus-Copper Gold Plating/磷铜镀金
3.2 Outer Contact/外导体 : Brass, nickel plated/黄铜镀镍
3.3Outer Contact/外导体：Brass, Gold plated/SMA黄铜镀金
3.4 Insulators/绝缘体： PTFE/聚四氟乙烯

产品型号P/N: BNC/SMA-JK

RG 316



内部导体 Inner Conductor　绝缘体 Dielectric　外部导体 Outer Conductor　护套 Jacket

型号 Model

FEP RG 316

描述 Description

(316) 高频同轴电缆　FEP(茶色)护套
(316) High Frequency coaxial cable with FEP (Brown) jacket

结构参数 Structure parameter

内部导体 Inner Conductor	镀银铜，镀银铜包钢 Silver-Plated Copper，Silver-Plated Copper Clad Steel	7x0.175mm
绝缘层 Insulation Layer	聚四氟乙烯(PTFE) Polytetrafluoroethylene(PTFE)	1.53mm
外部导体 Outer Conductor	镀银铜线编织 Silver-Plated Copper Wire Braiding	1.95mm
护套 Jacket	聚全氟乙丙烯（FEP）茶色 Fluorinated Ethylene Propylene(FEP), Brown	2.50mm

0755-83278787

电气特性 Electrical Data

阻抗	Impedance,nominal	50ohms
电容	Capacitance,nominal	106pF/m
延时	Signal delay,nominal	4.7ns/m
耐电压	Voltage withstand(AC)	2000V rms/min
绝缘电阻	Insulation resistance,nominal	1500 M Ω · km
传输速率	Velocity of propagation,nominal	70%

机械特性 Mechanical Data

恒定温度	Temperature rating	150℃
最小弯曲半径	Minimum bending radius	15mm
最大拉伸强度	Maximum tensile strength	3.4kg
重量	Weight of cable	17g/m

衰减量和功率 Attenuation and Power

频率数 Frequency(MHz)	衰减量 Attenuation(dB/m)	功率 Power(Watts CW)
100	0.29	420
400	0.58	210
900	0.88	140
1000	0.93	135
1800	1.27	100
2400	1.46	78
3000	1.65	72
5000	2.14	61
6000	2.34	52