

RG316 射頻連接線 BNC-J/BNC-KY BNC 公轉 BNC 母穿牆固定式（母頭前置）



BNC-JJ

- 1 BNC公头
- 2 BNC公头



BNC-J
BNC公头

频率：0-4G

线缆：镀银RG316 直径：2.55mm

长度：可订做任意长度

产品规格书

PRODUCT SPECIFICATION

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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

1500V(rms)

1.5 Center contact resistance /中心接触电阻

≤1.5mΩ

1.6 Outer contact resistance /外部接触电阻

≤1mΩ

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

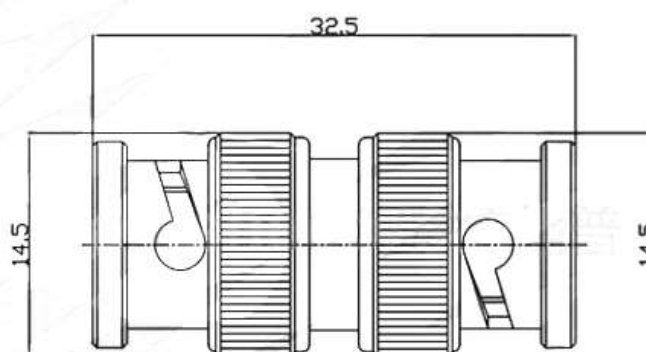
500cycles

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, nickel plated/黄铜镀镍

3.3 Insulators/绝缘体: PTFE/聚四氟乙烯



产品型号P/N: BNC-JJ

BNC-KK

1 BNC母头

2 BNC母头



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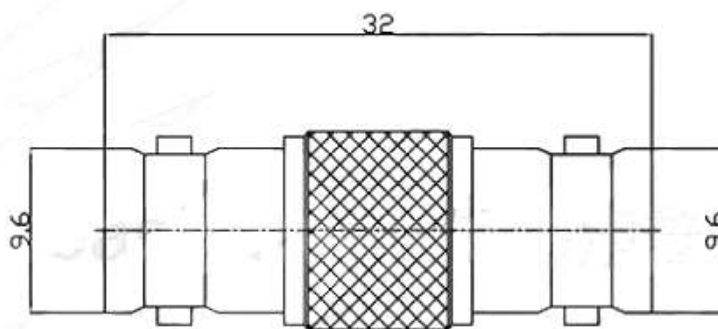
- | | |
|---|------------|
| 1.1 Impedance /阻抗 | 50Ω |
| 1.2 Frequency /频率 | DC-4GHz |
| 1.3 VSWR/驻波 | ≤1.25 |
| 1.4 Dielectric withstanding voltage /介质耐压 | 1500V(rms) |
| 1.5 Center contact resistance /中心接触电阻 | ≤1.5mΩ |
| 1.6 Outer contact resistance /外部接触电阻 | ≤1mΩ |
| 1.7 Insulation resistance /绝缘电阻 | ≥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: Phosphorus-Copper Gold Plating /磷铜镀金 | |
| 3.2 Outer Contact /外导体: Brass, nickel plated /黄铜镀镍 | |
| 3.3 Insulators /绝缘体: PTFE /聚四氟乙烯 | |



BNC-JK

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射频连接线

跳线 延长线



BNC-J
BNC公头
内针



BNC-KY
BNC母头
内孔

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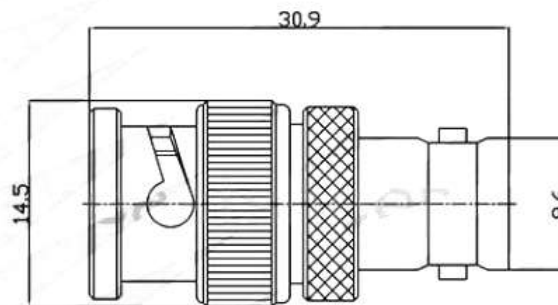
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产品型号P/N: BNC-JK

RG 316



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

电气特性 Electrical Data

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

机械特性 Mechanical Data

恒定温度 Temperature rating	150°C
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