

# RG316 射頻連接線 BNC-JJ BNC 公轉 BNC 公 示波器轉接線

RG316-BNC-JJ

0.1m 0.15m 0.2m 0.25m 0.3m 0.35m 0.4m 0.5m 0.6m 0.7m

0.8m 0.9m 1m 1.5m 2m 2.5m 3m 3.5m 4m 5m 6m 7m

8m 9m 10m 15m 20m

BNC-J+BNC-J-RG316-1M



# RG 316



内部导体 Inner Conductor      绝缘层 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

## 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°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

## 衰减值和功率 Attenuation and Power

频率数 Frequency(MHz)	衰减值 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

## BNC-C-J-1.5

- 1 BNC公头
- 2 匹配RG316等线缆



## BNC-C-K-1.5

- 1 BNC母头
- 2 匹配RG316等线缆

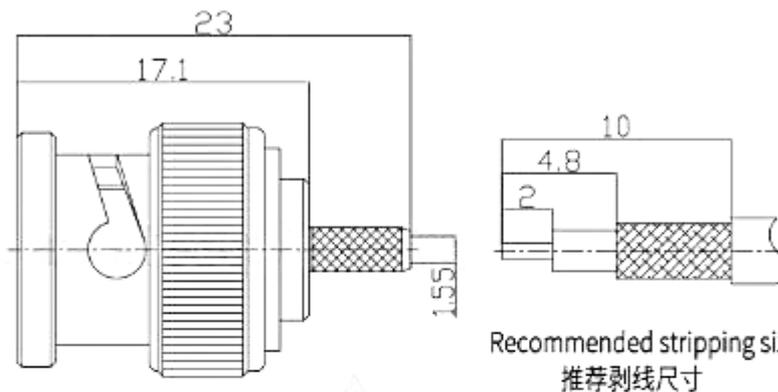


## 产品规格书

PRODUCT SPECIFICATION

产品型号Model: **BNC-C-J-1.5**

适用电缆Applicable cables: **RG316.RG174**



注 Note: 尺寸 Dimensions (mm)

### 产品参数 Product parameters

#### 1. 电气 Electrical

1.1	阻抗 Impedance	50Ω
1.2	频率范围 Frequency range	DC-4GHz
1.3	驻波 VSWR	≤1.25
1.4	介质耐压 Dielectric withstanding voltage	1500V(rms)
1.5	内导体接触电阻 Internal conductor contact resistance	≤1.5mΩ
1.6	外导体接触电阻 External conductor contact resistance	≤1mΩ
1.7	绝缘电阻 Insulation resistance	≥5000MΩ

#### 2. 环境与机械 Environment and Machinery

2.1	温度范围 Temperature range	-45°~+125°
2.2	耐久性 Durability	500cycles

#### 3. 材料和镀层 Material and Plating

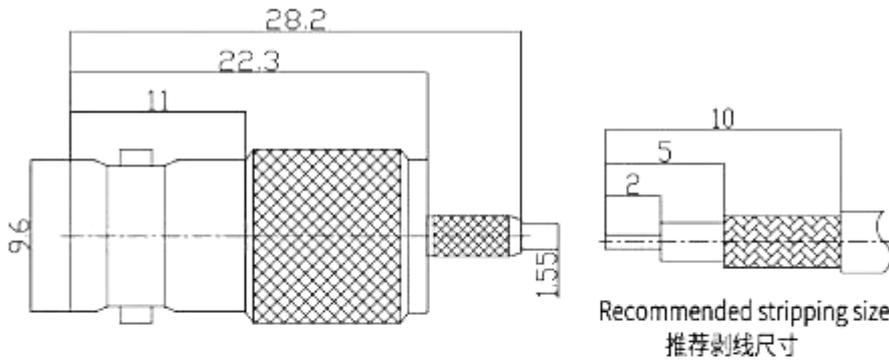
3.1	内导体 Inner conductor	黄铜镀金 Brass gold plated
3.2	外导体 Outer conductor	黄铜镀镍 Brass nickel plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE

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适用电缆Applicable cables: **RG316.RG174**



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### 2. 环境与机械 Environment and Machinery

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2.2	耐久性 Durability	500cycles

### 3. 材料和镀层 Material and Plating

3.1	内导体 Inner conductor	磷铜镀金 Phosphorus copper gold plating
3.2	外导体 Outer conductor	黄铜镀镍 Brass nickel plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE