RG316 射頻連接線 SMA/SMB-JK SMB-KW SMA 公轉 SMB 母 4G

RG316-SMA/SMB-JK

RG316-SMA-J/SMB-KW

长　度: 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 11m 12m 13m 14m 15m



RG316 射頻連接跳線 SMA/SMB-JJ SMB-JW SMA 公轉 SMB 公

长　度: 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 4m 5m 6m 7m 8m
9m 10m

RG316-SMA/SMB-JJ

RG316-SMA-J/SMB-JW



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,nominal	50ohms
电容	Capacitance,nominal	106pF/m
迟时	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

射频连接器 SMA-C-J-1.5/SMA-C-J-3 SMA 公开天窗方便焊接

SMA-C-J-1.5/SMA-C-J-3

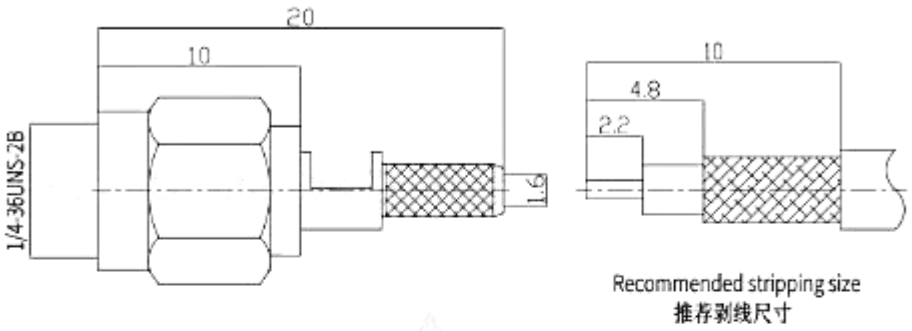
1 SMA公头

2 匹配RG316/RG58等线缆



产品型号Model：SMA-C-J-1.5-1

适用电缆Applicable cables：RG316.RG174



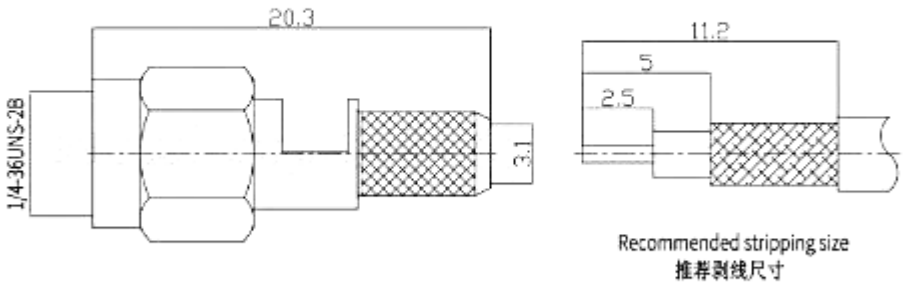
注 Note：尺寸 Dimensions (mm)

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-3GHz
1.3	介质耐压 Dielectric withstanding voltage	1000V rms
1.4	内导体接触电阻 Internal conductor contact resistance	≤3mΩ
1.5	外导体接触电阻 External conductor contact resistance	≤2mΩ
1.6	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	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE

产品型号Model：SMA-C-J-3-1

适用电缆Applicable cables：SYV50-3.RG58/U



Recommended stripping size
推荐剥线尺寸

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-3GHz
1.3	介质耐压 Dielectric withstanding voltage	1000V rms
1.4	内导体接触电阻 Internal conductor contact resistance	≤3mΩ
1.5	外导体接触电阻 External conductor contact resistance	≤2mΩ
1.6	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	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE

射频连接器 SMA-C-KY-1.5 带固定螺母 匹配 RG316/R174 线缆

SMA-C-KY-3 SMA 母头 带螺母固定 匹配 SYV50-3/RG142 线

SMA-C-KY-1.5

1 SMA母头
2 匹配RG316/RG174等线缆



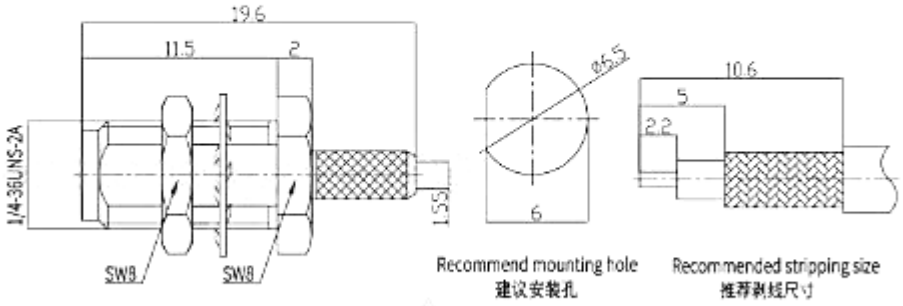
SMA-C-KY-3

1 SMA母头
2 匹配RG142/50-3等线缆



产品型号Model：SMA-C-KY-1.5

适用电缆Applicable cables：RG316.RG174



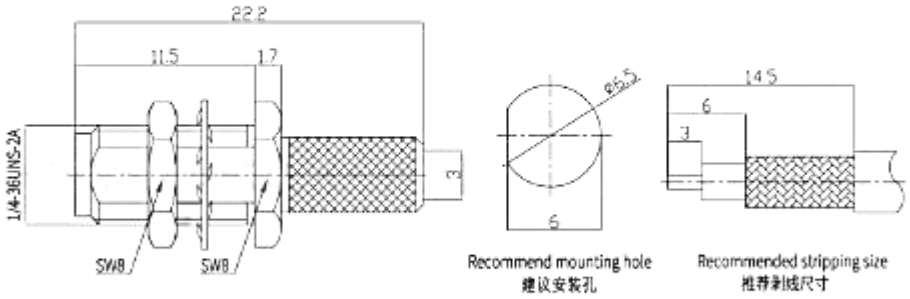
注 Note：尺寸 Dimensions (mm)

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-6GHz
1.3	驻波 VSWR	≤1.25
1.4	介质耐压 Dielectric withstanding voltage	1000V rms
1.5	内导体接触电阻 Internal conductor contact resistance	≤3mΩ
1.6	外导体接触电阻 External conductor contact resistance	≤2mΩ
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	磷铜镀金 Phosphorus copper gold plating
3.2	外导体 Outer conductor	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE

产品型号Model：SMA-C-KY-3

适用电缆Applicable cables：RG142.SYV50-3.RG58/U



注 Note：尺寸 Dimensions (mm)

产品参数 Product parameters

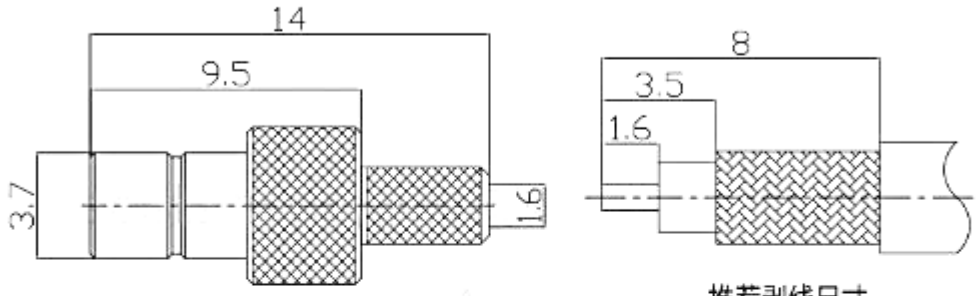
1.电气 Electrical		
1.1	阻抗 Impedance	50Ω
1.2	频率范围 Frequency range	DC-6GHz
1.3	驻波 VSWR	≤1.25
1.4	介质耐压 Dielectric withstanding voltage	1000V rms
1.5	内导体接触电阻 Internal conductor contact resistance	≤3mΩ
1.6	外导体接触电阻 External conductor contact resistance	≤2mΩ
1.7	绝缘电阻 Insulation resistance	≥5000MΩ
2.环境与机械 Environment 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	磷铜镀金 Phosphorus copper gold plating
3.2	外导体 Outer conductor	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE



产品规格书
PRODUCT SPECIFICATION

产品型号Model：SMB-C-J-1.5

适用电缆Applicable cables：RG316.RG174



推荐剥线尺寸
Recommended stripping size

注 Note：尺寸 Dimensions (mm)

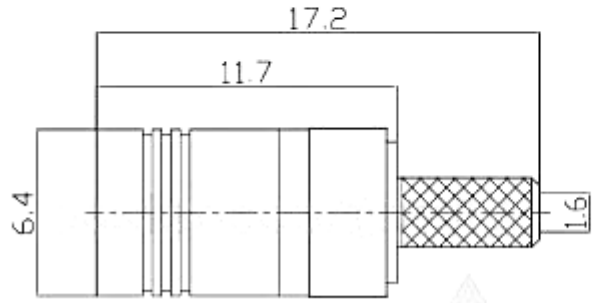
产品参数 Product parameters

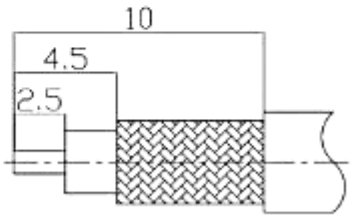
1.电气 Electrical		
1.1	阻抗 Impedance	50Ω
1.2	频率范围 Frequency range	DC-4GHz
1.3	驻波 VSWR	≤1.25
1.4	介质耐压 Dielectric withstanding voltage	750V rms
1.5	内导体接触电阻 Internal conductor contact resistance	≤6mΩ
1.6	外导体接触电阻 External conductor contact resistance	≤1mΩ
1.7	绝缘电阻 Insulation resistance	≥1000MΩ
2.环境与机械 Environment 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	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE

产品规格书
PRODUCT SPECIFICATION

产品型号Model：SMB-C-K-1.5

适用电缆Applicable cables：RG316.RG174





推荐剥线尺寸
Recommended stripping size

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	750V rms
1.5	内导体接触电阻 Internal conductor contact resistance	≤6mΩ
1.6	外导体接触电阻 External conductor contact resistance	≤1mΩ
1.7	绝缘电阻 Insulation resistance	≥1000MΩ
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	铍铜镀金 Beryllium copper gold plating
3.2	外导体 Outer conductor	黄铜镀金 Brass gold plated
3.3	绝缘体 Insulator	聚四氟乙烯 PTFE