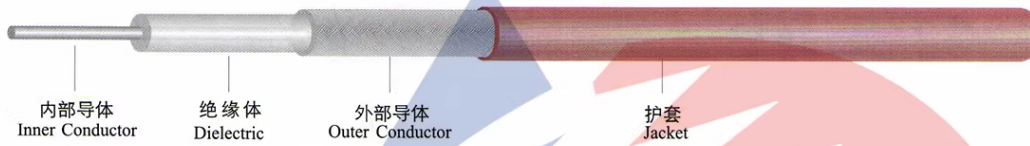


# RG316



## 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
弯曲半径 Minimum bending radius		15mm
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

eastsheep