

RG316 Coaxial Cable/RG316 同轴电缆



RG316 Coax Construction/RG316 同轴电缆结构

OD/直径 (mm)

Conductor/导体:	7/0.17 Silver-coated Copper Clad Steel (SCCS)/镀银铜包钢	0.51
Dielectric/绝缘体:	Extruded Solid Polytetrafluoroethylene (PTFE)/聚四氟乙烯	1.52
Shield/屏蔽层:	Silver Plated Copper (SPC)/镀银铜	1.95
Jacket/护套:	Extruded Fluorinated Ethylene Propylene (FEP)/聚全氟乙烯	2.50

RG 316 Cable Physical Characteristics/RG 316 电缆物理特性

Weight per/重量100m:	1.6kg
Minimum bend radius/最小弯曲半径:	15mm
Operating temperature range/工作温度范围:	-55°C to +200°C
RoHS compliance/符合RoHS:	2011/65/EU (RoHS)

RG-316 Cable Electrical Characteristics/RG-316 电缆电气特性

Impedance/阻抗:	50	+/- 2 ohms
Capacitance/电容:	96.45	pF/m. max
Maximum voltage/最大电压:	1200	Volts
Velocity of propagation/速率:	70	%
Operating Frequency/工作频率:	3	GHz
Screening effectiveness/屏蔽效率	≥ 38	dB (up to 1 GHz)
Insulation resistance/绝缘电阻:	≥ 1 x 10 ⁸	MΩm
Max. operating voltage/最大工作电压	≤ 0.85	kVrms (at sea level)

RG316 Attenuation/RG316 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
100	0.262	427
400	0.531	213
1000	0.856	135
3000	1.532	78