

RG179 Coaxial Cable/RG179 同轴电缆



RG179 Coax Construction/RG179 同轴电缆结构

OD/直径 (mm)

Conductor/导体:	7/0.10 Silver-coated Copper Clad Steel (SCCS)/镀银铜包钢	0.31
Dielectric/绝缘体:	Extruded Solid Polytetrafluoroethylene (PTFE)/聚四氟乙烯	1.55
Shield/屏蔽层:	Silver Plated Copper (SPC)/镀银铜	2
Jacket/护套:	Extruded Fluorinated Ethylene Propylene (FEP)/聚全氟乙烯	2.54

RG 179 Cable Physical Characteristics/RG 179 电缆物理特性

Weight per/重量100m:	1.5kg
Minimum bend radius/最小弯曲半径:	15mm
Operating temperature range/工作温度范围:	-65°C to +165°C
RoHS compliance/符合RoHS:	2011/65/EU (RoHS)

RG-179 Cable Electrical Characteristics/RG-179 电缆电气特性

Impedance/阻抗:	75	+/- 2 ohms
Capacitance/电容:	63	pF/m. max
Maximum voltage/最大电压:	1200	Volts
Velocity of propagation/速率:	69	%
Operating Frequency/工作频率:	3	GHz
Screening effectiveness/屏蔽效率	≥ 41	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	≤ 0.75	kVrms (at sea level)

RG179 Attenuation/RG179 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
150	0.3	297
600	0.631	148
1000	0.856	112
1500	1.05	94
2000	1.25	82
3000	1.65	66