

RG178 Coaxial Cable/RG178 同轴电缆



RG178 Coax Construction/RG178 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	0.31
Dielectric/绝缘体:	Extruded Solid Polytetrafluoroethylene (PTFE)/聚四氟乙烯	0.84
Shield/屏蔽层:	Silver Plated Copper (SPC)/镀银铜	1.37
Jacket/护套:	Extruded Fluorinated Ethylene Propylene (FEP)/聚全氟乙烯	1.80

RG 178 Cable Physical Characteristics/RG 178 电缆物理特性

Weight per/重量100m: 0.78kg

Minimum bend radius/最小弯曲半径: 10mm

Operating temperature range/工作温度范围: -55°C to +200°C

RoHS compliance/符合RoHS: 2011/65/EU (RoHS)

RG-178 Cable Electrical Characteristics/RG-178 电缆电气特性

Impedance/阻抗:	50	+/- 2 ohms
Capacitance/电容:	94	pF/m. max
Maximum voltage/最大电压:	500	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)

RG178 Attenuation/RG178 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
500	1.04	67
1000	1.48	47
2000	2.11	34
3000	2.64	25