

RG-58A/U Coaxial Cable/RG-58A/U 同轴电缆



RG58 Coax Construction/RG58 同轴电缆结构

OD/直径 (mm)

Conductor/导体:	19/0.18 Copper Tin plated (TC)/镀锡铜	0.9
Dielectric/绝缘体:	Polyethylene (PE) /聚乙烯	2.95
Shield/屏蔽层:	Copper Tin plated (TC)/镀锡铜	3.60
Jacket/护套:	Polyvinylchloride (PVC)/聚氯乙烯	4.95

RG 58 Cable Physical Characteristics/RG 58 电缆物理特性

Weight per/重量100m:	3.7kg
Minimum bend radius/最小弯曲半径:	25mm
Operating temperature range/工作温度范围:	-25°C to +75°C
RoHS compliance/符合RoHS:	2011/65/EU (RoHS)

RG-58 Cable Electrical Characteristics/RG-58 电缆电气特性

Impedance/阻抗:	50	+/- 2 ohms
Capacitance/电容:	101	pF/m. max
Maximum voltage/最大电压:	5000	Volts
Velocity of propagation/速率:	66	%
Operating Frequency/工作频率:	1	GHz
Screening effectiveness/屏蔽效率	≥ 40	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	≤ 2.5	kVrms (at sea level)

RG58 Attenuation/RG58 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
100	0.17	332
400	0.38	166
700	0.55	125
1000	0.69	105