

RG-59 Coaxial Cable/RG-59 同轴电缆



RG59 Coax Construction/RG59 同轴电缆结构

OD/直径 (mm)

Conductor/导体:	Solid Copper/裸铜线	0.81
Dielectric/绝缘体:	Physical Foam Polyethylene /发泡聚乙烯	3.66
Shield/屏蔽层:	Bonded Aluminum Foil+Aluminum Braid/自粘铝箔+铝镁线编织	Nom.4.10
Jacket/护套:	PVC or Polyethylene /聚氯乙烯或聚乙烯	6.10

RG 59 Cable Physical Characteristics/RG 59 电缆物理特性

Weight per/重量100m: 5.0kg

Minimum bend radius/最小弯曲半径: 32mm

Operating temperature range/工作温度范围: PVC: -25°C to +75°C/PE: -45°C to +80°C

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

RG-59 Cable Electrical Characteristics/RG-59 电缆电气特性

Impedance/阻抗:	75	+/- 2 ohms
Capacitance/电容:	52	pF/m. max
Maximum voltage/最大电压:	5000	Volts
Velocity of propagation/速率:	85	%
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	≤ 3.0	kVrms (at sea level)

RG59 Attenuation/RG59 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
100	0.105	319
300	0.189	184
500	0.249	143
700	0.3	121
900	0.346	106
1000	0.367	101