

## RG-174/U Coaxial Cable/RG-174/U 同轴电缆



### RG174 Coax Construction/RG174 同轴电缆结构

OD/直径 (mm)

Conductor/导体:	7/0.16 Bare Copper-Clad Steel (BCCS)/裸铜包钢	0.48
Dielectric/绝缘体:	Polyethylene (PE) /聚乙烯	1.52
Shield/屏蔽层:	Tinned Copper (TC)/镀锡铜	1.93
Jacket/护套:	Polyvinylchloride (PVC)/聚氯乙烯	2.80

### RG 174 Cable Physical Characteristics/RG 174 电缆物理特性

Weight per/重量100m: 1.19kg

Minimum bend radius/最小弯曲半径: 25mm

Operating temperature range/工作温度范围: -40°C to +75°C

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

### RG-174 Cable Electrical Characteristics/RG-174 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:	1100	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 <sup>8</sup>	MΩm
Max. operating voltage/最大工作电压	≤ 0.85	kVrms (at sea level)

### RG174 Attenuation/RG174 衰减:

Freq/频率(MHz)	Typical/典型值(dB/m)	Max. CW power/功率 最大值
100	0.276	117
400	0.623	59
700	0.886	44
1000	1.12	37