

RG174 Coaxial Cable

Technical Specifications

Cable Construction

Conductor:	7/0.16mm
Conductor Material:	Copper Clad Steel
Stranded Diameter:	0.49mm
Insulation Diameter:	1.52mm (± 0.15 mm)
Insulation Thickness:	0.505mm \pm 0.10mm
Insulation Material:	Solid Polyethelyne
Braid:	16/4/0.10
Braid Material:	Tinned Copper Braid
Braid Coverage:	84 \pm 2%
Overall Diameter:	2.60mm (± 0.15 mm)

Electrical Characteristics

Max Conductor DC Resistance @ 20°C:	< 330 Ω /km
Min Insulation DC Resistance @ 20°C:	> 200 M Ω * km
Capacitance (pF/m):	< 105
Velocity Ratio:	66.7%
Impedance:	50 \pm 3 Ω
Rated Temperature:	105°C
Rated Voltage:	30V

Attenuation at 20°C (dB/100m)

10 MHz	10.5
100 MHz	27.5
200 MHz	41.0



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