

# RG174 Coaxial Cable

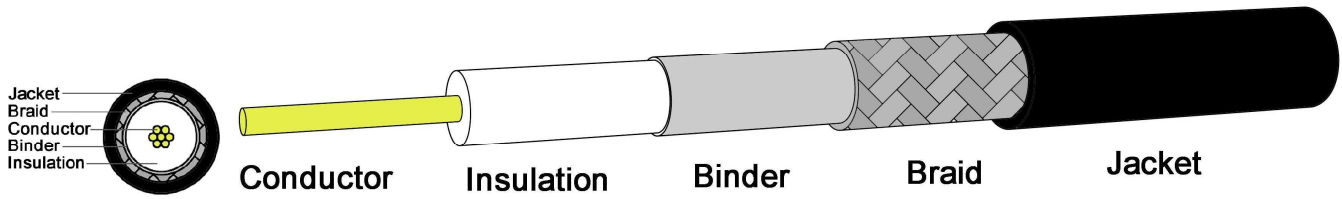


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Conductor	Insulation	Binder	Braid Shield	Jacket
Material Copper Strand	Material XLPE		Material Tinned Copper Wire	Material PVC
Composition 26AWG (7/0.16 mm)	Minimum Thickness 0.455 mm		Composition 16 / 5 / 0.1 mm	Minimum Thickness 0.22 mm
Diameter Approx. 0.48 mm	Nominal Thickness Approx. 0.535 mm		Coverage 95%	Nominal Thickness Approx. 0.325 mm
	Diameter 1.55 ± 0.05 mm			Diameter 2.70 ± 0.10 mm

<http://www.hwayaotek.com.tw> Email: [sales@hwayaotek.com.tw](mailto:sales@hwayaotek.com.tw)

## Physical & Electrical Characteristics

Item	RG-174 (26AWG)			
Impedance	50 ± 5 Ω (10MHz~3GHz)			
Conductor Resistance	Max. 142.6 Ω/km at 20°C			
Insulation Resistance	Min. 1000 MΩ/km DC 500V at 20°C			
Mutual Capacitance	1 KHz Between Conductor and Shielding 100 ± 8 pF/m			
Standard Attenuation	100 MHz 359 dB/Km			
Rating Temp Voltage	80°C 30V			
Recognized	UL 1354			
Minimum Bend Radius	10.5 mm			
Attenuation	100MHz	400MHz	1000MHz	3000MHz
dB/1000m	359	655	1175	2103
dB/1000ft	10.94	19.96	35.81	64.1

These characteristics are typical and may not apply to all connectors.