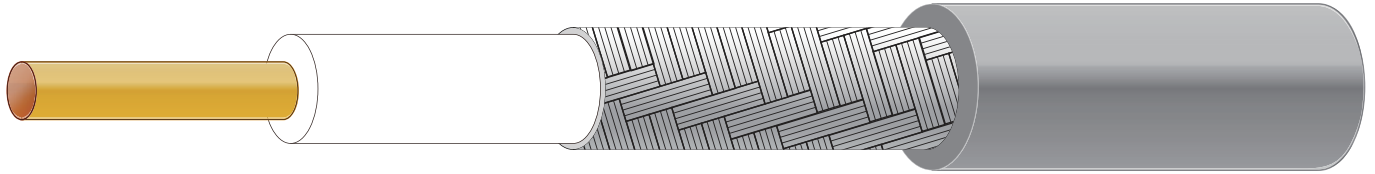
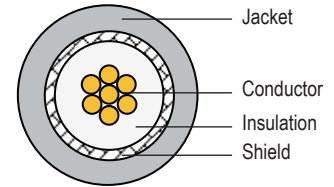


RG-174 Coaxial Cable

Product No. D1740WS5BT

Structure Figure



Conductor

Material
Copper Strand

Construction
26AWG (7/0.16 mm)

Diameter
Approx. 0.48 mm

Insulation

Material
XLPE

Minimum Thickness
0.455 mm

Nominal Thickness
Approx. 0.535 mm

Diameter
 1.55 ± 0.05 mm

Braid Shield

Material
Tinned Copper Wire

Construction
16 / 5 / 0.1 mm

Coverage
95 %

Jacket

Material
PVC

Minimum Thickness
0.22 mm

Nominal Thickness
Approx. 0.325 mm

Color
Black

Diameter
 2.70 ± 0.10 mm

Electrical Characteristics

Description	Specification
Impedance	$50 \pm 5 \Omega$ (10MHz~3GHz)
Conductor Resistance	Max. 142.6 Ω /km at 20°C
Insulation Resistance	Min. 1000 M Ω /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

Physical Characteristics

Description	Specification
Item	RG-174 (26AWG)
Rating Temp Voltage	80°C 30V
Recognized	UL 1354
Minimum Bend Radius	10.5 mm

Attenuation

Attenuation	100 MHz	400 MHz	1 GHz	3 GHz
dB/1000m	359	655	1175	2103
dB/1000ft	10.94	19.96	35.81	64.10

PS: Max. Attenuation = Standard Attenuation X 115%