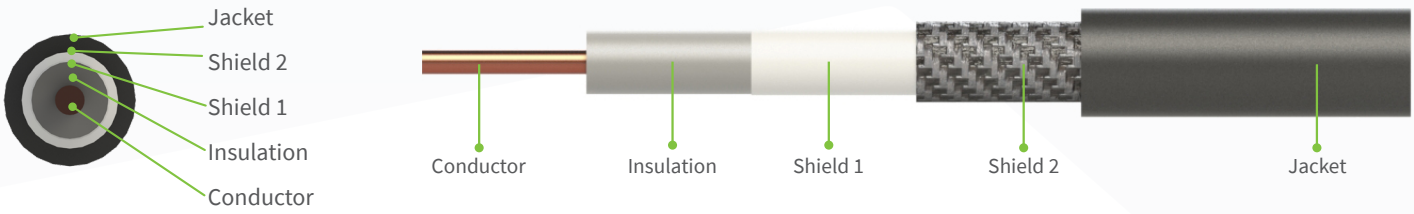
RG-174LL-FR Cable

2.8mm Diameter, Low-Loss

Flame Retardant, Low Smoke Zero Halogen Coaxial Cable

Part Number
CAB.002944

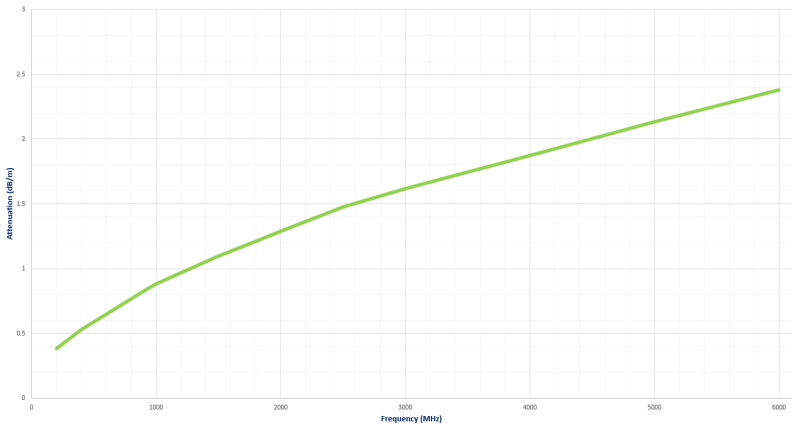


Part Designation	Material	Diameter
Conductor	Bsre Copper	7/0.16 ±0.01 mm
Insulation	XL-PE	1.52 ±0.05 mm
Shield 1	Laminate Aluminum Tape	1.60 ±0.5 mm
Shield 2	Tinned-Copper	2.00 (80*0.10) ±0.10 mm
Jacket	Black FRPE (LSZH Low Smoke Zero Halogen)	2.8 ±0.10 mm

Mechanical Specifications	
Performance Property	**Spec.**
Minimum Bend Radius	28 mm (Loaded)
	14 mm (Unloaded)
Cable Weight	0.013 kg/m
Flame Retardant Certification	UL1581 FT1 ECE R118
Environment Specifications	
Temperature Range	-40°C to +105°C

Electrical Specifications	
Performance Property	**Spec.**
Impedance	50 ±3 Ω
Capacitance	100 ± 5 pF/m

Attenuation vs. Frequency



Frequency (MHz)	200	400	900	1000	1500	1800	2000	2500	3000	4000	5000	6000
Attenuation (dB/m)	0.39	0.53	0.83	0.88	1.10	1.21	1.29	1.48	1.62	1.87	2.13	2.38

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