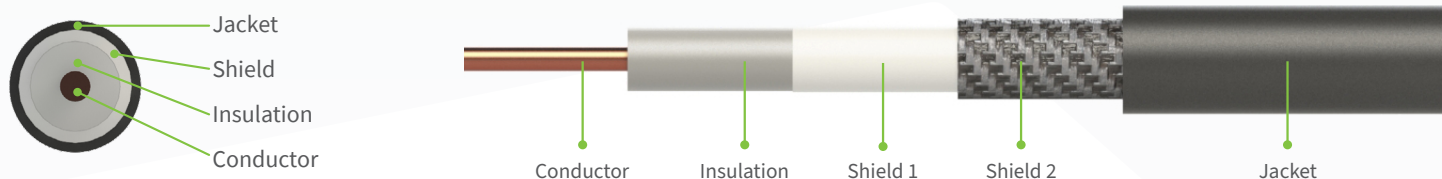


TGC-302-FR Cable

3.3mm Diameter, Low Loss, 50 ohm
Flame Retardant, Low Smoke Zero Halogen Coaxial Cable

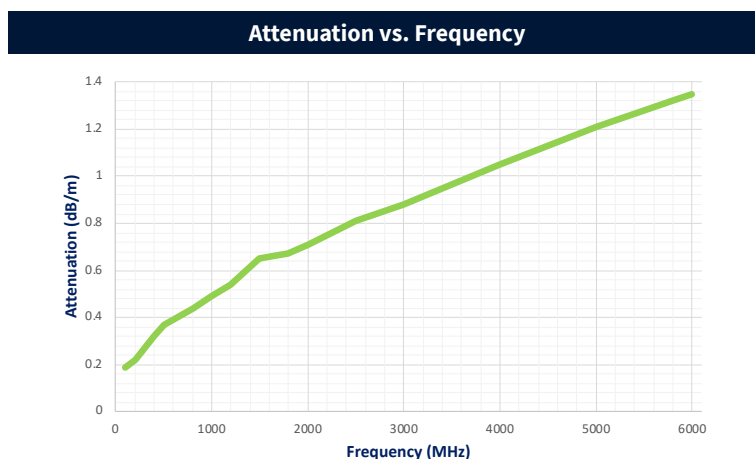
Part Number
CAB.002945



Part Designation	Material	Outer Diameter
Inner Conductor	Bare Copper (7 Strand)	7 x 0.27 ± 0.01 (Φ0.81) mm
Dielectric	XL-PE	2.15 ± 0.10 mm
Shield 1	Laminate Aluminum Tape	2.25 ± 0.10 mm
Shield 2	Tinned-Copper Braid	2.65 ± 0.10 mm
Jacket	Black FR PE (LSZH Low Smoke Zero Halogen)	3.30 ± 0.10 mm

Mechanical Specifications	
Performance Property	Spec.
Minimum Bend Radius	66 mm
Cable Weight	0.019 kg/m
Flame Retardant Spec	UL1581 FT1
Jacket Spark	3000 VAC
Environment Specifications	
Storage Temperature Range	-40°C to +85°C

Electrical Specifications	
Performance Property	Spec.
Impedance	50 ± 3 Ω
Capacitance	80.0 ± 3 pF/m



Frequency (MHz)	100	200	400	500	800	1000	1200	1500	1800	2000	2500	3000	4000	5000	5800	6000
Attenuation (dB/m)	0.19	0.22	0.32	0.37	0.44	0.49	0.54	0.65	0.67	0.71	0.81	0.88	1.05	1.21	1.32	1.35

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