

RoHS
Compliant

Construction

Item	Material	Diameter (mm)
Inner Conductor	Silver plated copper clad steel	7 × 0.10 ±0.02
Dielectric	PTFE	0.86 ±0.05
Inner Shield	95% Silver Plated Copper Braid	1.26 ±0.05
Inner Jacket	FEP	1.88 ±0.05
Outer Shield	95% Silver Plated Copper Braid	2.29 ±0.05
Outer Jacket	FEP	2.95 ±0.05

Electrical Characteristics

Capacitance	96.5pF/m
Impedance	50Ω ±2Ω
Velocity of Propagation	69.5%
Conductor DCR	800.5Ω/km
Outer Shield DCR	21.3Ω/km
Max Operating Frequency	10
Max Operating Voltage	1500 RMS
Spark Test	2000 V _{RMS}
Operating Temp Range	-55°C to 200°C

Attenuation & Average Power (@ 20°C & Sea Level)

Frequency (MHz)	Max Attenuation (dB/100m)
100	45.3
400	91.2
1000	145
3000	257

Part Number Table

Description	Part Number
Triaxial Cable, RG403, FEP,Transparent Brown, 500m	RG403

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