

TRIAx COAXIAL CABLE

Part Number	TRIAx-5001
DIMENSIONS	
Center Conductor Diameter (inch) (mm)	0.015 ±0.001 0.38 ± 0.0254
Dielectric Diameter (inch) (mm)	0.047 ±0.005 1.19 ±0.127
Inner Braid Diameter (inch) (mm)	0.069 ±0.005 1.75 ±0.127
Diameter over PVC Inner Jacket (inch) (mm)	0.101 ±0.005 2.57 ±0.127
Diameter over Outer Braid (inch) (mm)	0.121 ±0.005 3.07±0.127
Jacket Diameter (inch) (mm)	0.156 ±0.005 3.96 ±0.127
MATERIAL SPECIFICATIONS	
Jacket	PVC
Outer Braid	Tin plated copper
Inner Jacket	PVC
Inner Braid	Tin Plated copper
Dielectric	Polyethylene
Center Conductor	Tin plated copper
ELECTRICAL CHARACTERISTICS	
Impedance	50±2
Capacitance (Nominal) (pF/ft) (pF/m)	29.5 96.7
Max Opr. VDC	2KV
Max Opr. Vac. (RMS)	1KV
Shield Coverage (%)	93
Attenuation (dB/100Ft)	
1 Mhz	2.8
3MHz	3.1
4 Mhz	3.3
5 Mhz	3.4
7MHz	3.7
10 MHz	4.1
20 MHz	5.5
30 MHz	7
40 MHz	7.5
50 MHz	9.1
100 MHz	14
200 MHz	22
500 MHz	40
700 MHz	50
1 GHz	63
MECHANICAL CHARACTERISTICS	
Max. Operating Temperature (°C)	-20/+60
Min. Bend Radius (inch) (mm)	0.75 19
Weight (g/Ft) (g/M)	7.5 25