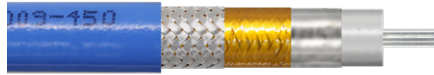


962-009-450
50 Ohm Low Loss Coax Cable

- 10 GHz
- Tape+Foil+Braid Shields
- e-PTFE Dielectric
- FEP Jacket
- .335" Diameter
- .133" Stranded Conductor



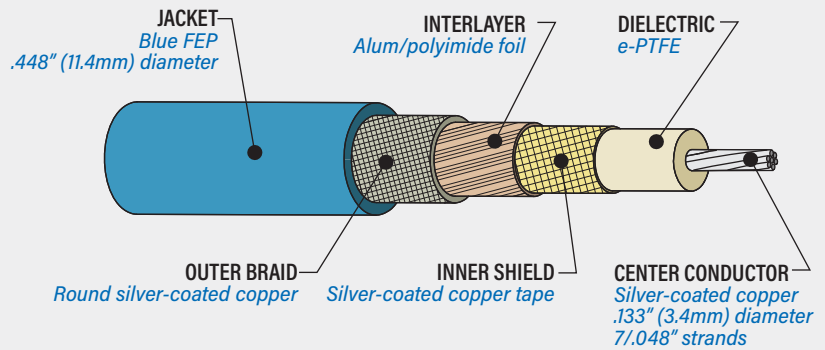
50 ohm. Low loss. Triple shield. 962-009-450 coax cable has expanded PTFE dielectric for low attenuation at microwave frequencies. Abrasion resistant and flexible FEP jacket. Three metallic layers for greater than 90 dB of shielding effectiveness: flat SPC (silver-plated copper) tape inner shield, aluminum/polyimide foil interlayer, and round SPC braid outer shield. Stranded SPC center conductor.

- 50 ohm
- -55 to +165 °C
- FEP jacket, e-PTFE dielectric
- >90 dB shield effectiveness
- Tape/foil/braid shield layers
- Low attenuation

PART NUMBER

962-009-450 Order in one foot increments

CONSTRUCTION



DIMENSIONS

	in	mm
Center Conductor	.133	3.4
Dielectric	.360	9.1
Inner Shield	.372	9.4
Interlayer	.378	9.6
Outer Shield	.393	10.0
Jacket	.448	11.4
Min. Bend Radius	1.574	40.0

ELECTRICAL SPECIFICATIONS

Impedance	50
Velocity of Propagation	80
Capacitance (pf/ft)	24
Shielding Effectiveness (dB)	>90
Delay (ns/ft)	1.27
Max. Operating Frequency (GHz)	10

ATTENUATION

	Attenuation (dB/ft)
0.5 GHz	.029
1 GHz	.042
3 GHz	.075
5 GHz	.098
10 GHz	.144

OPERATING TEMPERATURE

-55 to +165 °C

COAX CABLE