

962-009-450
50 Ohm Low Loss Coax Cable

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



BLUMARK RF
 COAX CABLES

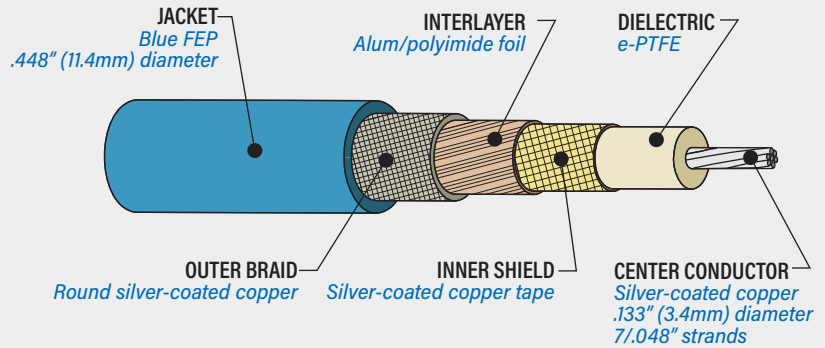
50 ohm. Low loss. Triple shield. 962-009-450 coax cable has expanded PTFE dielectric for low attenuation at microwave frequencies. Abrasion resistant and flexible FEP jacket. Three metallic layers for greater than 90 dB of shielding effectiveness: flat SPC (silver-plated copper) tape inner shield, aluminum/polyimide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



COAX CABLE

DIMENSIONS **ELECTRICAL SPECIFICATIONS**

	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

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 **OPERATING TEMPERATURE**

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

-55 to +165 °C