

962-012-200
50 Ohm Low Loss Coax Cable

- 26.5 GHz
- ETFE Jacket
- Tape+Foil+ Braid Shields
- .187" Diameter
- e-PTFE Dielectric
- .051" Conductor



BLUMARK RF
 COAX CABLES

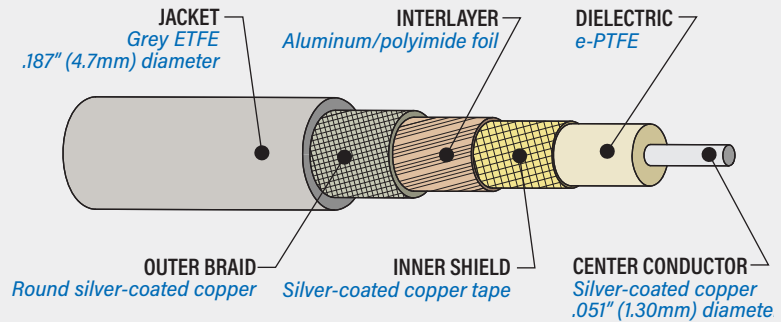
50 ohm. Low loss. Triple shield. Lightweight 962-012 coax cable has radiation resistant space-grade ETFE jacket. Expanded PTFE dielectric for low attenuation at microwave frequencies. Three metallic layers for greater than 90 dB of shielding effectiveness: flat SPC (silver-plated copper) tape inner shield, aluminum/polyimide foil interlayer, and round SPC braid outer shield. Solid SPC center conductor.

- 50 ohm
- -55 to +150 °C
- ETFE jacket, ePTFE dielectric
- >90 dB shield effectiveness
- Tape/foil/braid shield layers
- Low attenuation

PART NUMBER

962-012-200 Order in one foot increments

CONSTRUCTION



COAX CABLE

DIMENSIONS **ELECTRICAL SPECIFICATIONS**

	in	mm
Center Conductor	.051	1.30
Dielectric	.135	3.4
Inner Shield	.149	3.8
Interlayer	.157	4.0
Outer Shield	.173	4.4
Jacket	.187	4.7
Min. Bend Radius	.984	25.0

Impedance	50
Velocity of Propagation	80
Capacitance (pf/ft)	25
Shielding Effectiveness (dB)	>90
Delay (ns/ft)	1.27
Max. Operating Frequency (GHz)	26.5

ATTENUATION **OPERATING TEMPERATURE**

	Attenuation (dB/ft)
0.5 GHz	.053
1 GHz	.075
6 GHz	.190
12 GHz	.274
18 GHz	.342
26.5 GHz	.423

OPERATING TEMPERATURE
 -55 to +150 °C