

**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



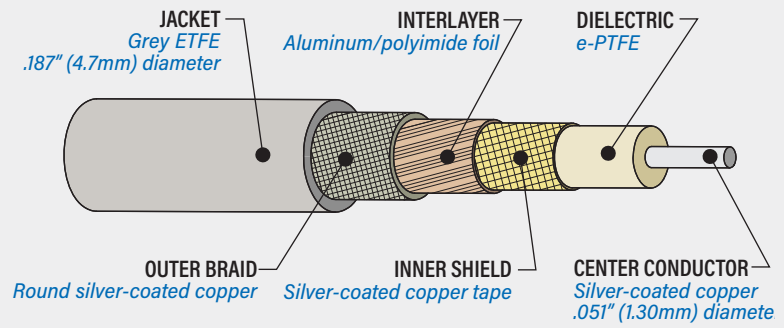
50 ohm. Low loss. Triple shield. Lightweight 962-012 coax cable has radiation resistant space-grade ETFE jacket. Expanded PTFE dielectric for low attenuation at microwave frequencies. Three metallic layers for greater than 90 dB of shielding effectiveness: flat SPC (silver-plated copper) tape inner shield, 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**



**DIMENSIONS**

	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

**ELECTRICAL SPECIFICATIONS**

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**

	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**

COAX CABLE