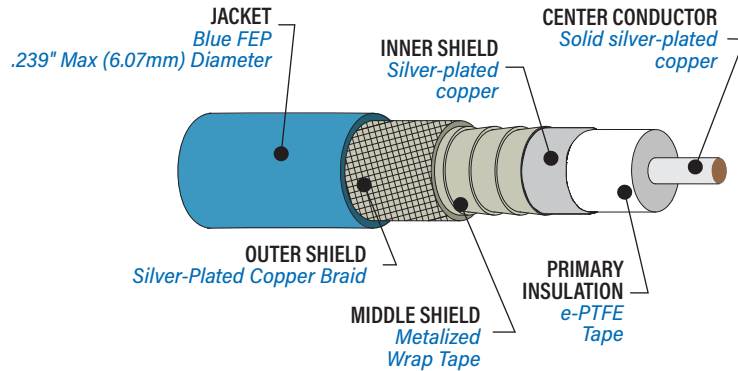


962-032-235
 50 Ohm Low Loss Coax Cable

- 26.5 GHz
 - FEP Jacket
 - e-PTFE Dielectric
- .239" Jacket Diameter
 - Tape+Foil+Braid Shields



CONSTRUCTION



50 ohm. Low loss. Triple shield. 26.5 GHz.
 962-032-235 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) flat tape inner shield, aluminum/polyimide foil interlayer, and round SPC braid outer shield. Solid SPC center conductor. e-PTFE dielectric.

SPECIFICATIONS

- 50 ohm
- -55 to +200 °C
- Triple shield: silver plated copper braid over silver plated flat wire shields.
- Cable weight: 21.8 g/ft nom.
- Velocity of Propagation: 80%
- Capacitance (pf/ft): 25.4
- Min. Bend Radius: 1.181 in (30.0 mm)
- For use with Size #8 BMB RF contacts in D38999 connector shells and other Glenair signature interconnects.

ATTENUATION		
	Typical Attenuation (dB/ft)	Typical Attenuation (dB/meter)
0.5 GHz	0.048	0.157
1.0 GHz	0.068	0.223
4.0 GHz	0.139	0.456
10.0 GHz	0.226	0.741
18.0 GHz	0.310	1.017
26.5 GHz	0.383	1.256

CALCULATED INSERTION LOSS

$$IL = [K_1 \sqrt{F} + K_2 F] \times \text{Cable Length}$$

F = Frequency in MHz Feet or Meters per table below

	For Cable Length in Feet	For Cable Length in Meters
K_1	0.0021092	0.0069201
K_2	0.0000015	0.0000049