

962-032-200

50 Ohm Low Loss Coax Cable

- 26.5 GHz
- FEP Jacket
- e-PTFE Dielectric

- .201" Jacket Diameter
- Tape+Foil+Braid Shields



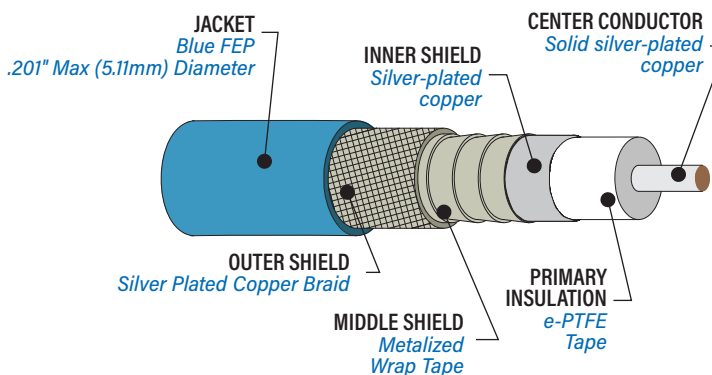
BLUMARK
 COAX CABLES **RF**

50 ohm. Low loss. Triple shield. 26.5 GHz.
 962-032-200 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. 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: 16.8 g/ft nom.
- Velocity of Propagation: 80%
- Capacitance (pf/ft): 25.4
- Min. Bend Radius: .984 in (25.0 mm)

CONSTRUCTION



ATTENUATION

	Typical Attenuation (dB/ft)	Typical Attenuation (dB/meter)
0.5 GHz	0.053	0.174
1.0 GHz	0.076	0.249
4.0 GHz	0.155	0.508
10.0 GHz	0.250	0.820
18.0 GHz	0.342	1.122
26.5 GHz	0.422	1.384

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	0.0023559	0.0077293
K_2	0.0000014	0.0000047