

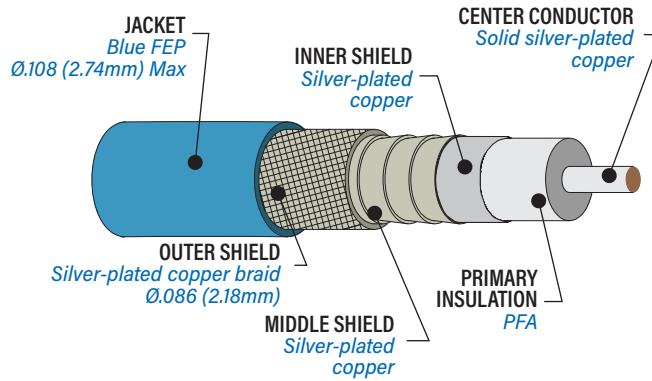
962-025-086
50 Ohm Low Loss Coax Cable

- 40 GHz
- FEP Jacket
- PFA Dielectric

- .086" Outer Shield Diameter
- Silver-Plated Copper Conductor



CONSTRUCTION



BLUMARK
COAX CABLES **RF**

Industry leading insertion loss stability under vibration. 962-025 coax cable has abrasion resistant FEP jacket and is a flexible alternative to RG405 semi-rigid cable. 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. PFA dielectric.

SPECIFICATIONS

- 50 ohm
- -65 to +165 °C
- Triple shield: silver plated copper braid over silver plated flat wire shields.
- Cable weight: 5.6 g/ft nom.
- Velocity of Propagation: 70%
- Capacitance (pf/ft): 29
- Min. Bend Radius: .4 in (10.16 mm)
- For use with Size #8 BMB, Size #12 SMPM, or Size #16 SMPM contacts in D38999 connector shells and other Glenair signature interconnects.

ATTENUATION

	Typical Attenuation (dB/ft)	Typical Attenuation (dB/meter)
0.5 GHz	0.156	0.512
1 GHz	0.223	0.732
4 GHz	0.463	1.519
10 GHz	0.764	2.507
18 GHz	1.065	3.494
26.5 GHz	1.333	4.373
40 GHz	1.702	5.584

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	0.0067718	0.0222171
K_2	0.0000087	0.0000285

**JUMPER AND CONNECTOR ASSEMBLIES
 FOR 962-025 SERIES BLUMARK RF CABLE**

Part No. Available Connector Interfaces and Contact Types

GRF02-0150: with Industry-Standard RF Connectors N-Type, ATNC, SMA, 2.92mm, SMP, SMPM

8576-0150: Jumpers for Multi-Port Connectors N-Type, ATNC, SMA, 2.92mm, SMP, SMPM, #8 BMB, #12 SMPM, #16 SMPM, VITA 67.3 SMPM

See Glenair RF, Microwave, and mmWave catalog for details