

962-025-141

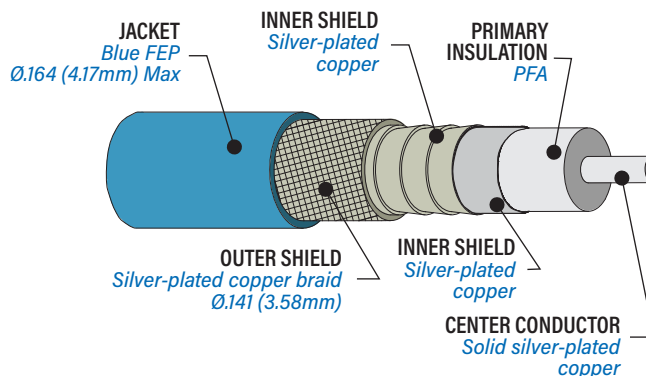
50 Ohm Low Loss Coax Cable

- 30 GHz
- FEP Jacket
- PFA Dielectric

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



CONSTRUCTION



BLUMARK RF
 COAX CABLES

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 shield layers: two silver plated flat wire shields 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: 12.8 g / FT nom.
- Velocity of Propagation: 70%
- Capacitance (pf/ft): 29
- Min. Bend Radius: .7 in (17.78 mm)

ATTENUATION

	Typical Attenuation (dB/ft)	Typical Attenuation (dB/meter)
0.5 GHz	.086	.282
1 GHz	.123	.404
4 GHz	.262	.860
10 GHz	.443	1.453
18 GHz	.631	2.070
26.5 GHz	.802	2.631
30 GHz	.867	2.844

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	0.0036493	0.0119727
K_2	0.0000078	0.0000257