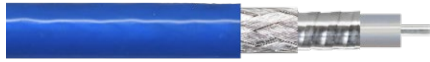


**962-029-047**  
**50 Ohm Low Loss Coax Cable**

- 70 GHz
- Tape + Braid Shields
- FEP Dielectric
- .056" Diameter
- Silver-Plated Copper Conductor



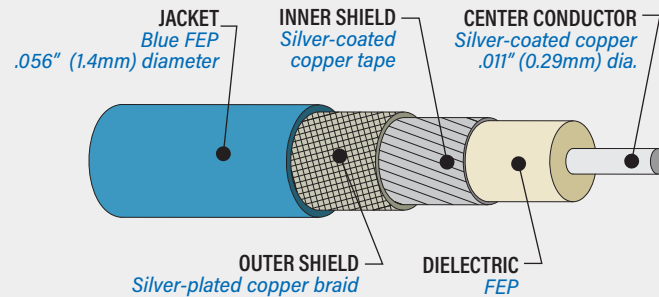
**50 ohm. Double shield. Low loss.** 962-029 coax cable has abrasion resistant FEP jacket. Two shield layers: flat SPC (silver-plated copper) tape wrap inner shield and round SPC braid outer shield. Solid SPC center conductor.

- 50 ohm
- -65 to +165 °C
- .056" (1.4) diameter
- >90 dB shield effectiveness
- Double shield: braid over tape wrap

**PART NUMBER**

**962-029-047** Order in one foot increments

**CONSTRUCTION**



**DIMENSIONS**

	in	mm
Center Conductor	.0113	0.29
Dielectric	.036	0.9
Outer Shield	.046	1.2
Min. Bend Radius	.2	5.1

**ELECTRICAL SPECIFICATIONS**

Impedance (ohms)	50
Velocity of Propagation	70
Capacitance (pf/ft)	29
Shielding Effectiveness (dB)	>90
Max. Operating Frequency (GHz)	70

**ATTENUATION**

	Attenuation (dB/ft)
0.5 GHz	.28
1 GHz	.39
5 GHz	.90
10 GHz	1.30
18 GHz	1.80
26.5 GHz	2.26

**OPERATING TEMPERATURE**

-65 to +165 °C

COAX CABLE