

**962-014-047**  
**50 Ohm Low Loss Coax Cable**

- 26.5 GHz
- Hand-formable
- Tin-Soaked Braid
- .047" Diameter
- PTFE Dielectric
- 29 AWG Steel Conductor



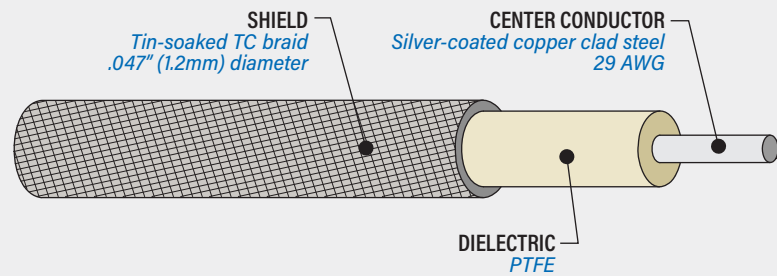
**50 ohm. Hand-formable. Ultraminiature.** Lightweight 962-014-047 coax cable has tin-soaked braid for aperture-free 100% shield coverage. Dimensionally similar to semi-rigid cable and compatible with standard solder-on connectors. 29 AWG silver-plated copper clad steel center conductor, PTFE dielectric, tin-coated and tin-soaked copper braid shield. Ultra-flexible, .125" (3.2mm) minimum bend radius.

- 50 ohm
- -55 to +200 °C
- .047" (1.2) diameter
- >90 dB shield effectiveness
- Tin-soaked copper braid
- 29 AWG silver-coated steel center conductor
- Ultra-flexible, .125" (3.2mm) minimum bend radius

**PART NUMBER**

**962-014-047**    *Order in one foot increments*

**CONSTRUCTION**



**DIMENSIONS**

	in	mm
Center Conductor	.0113	0.29
Dielectric	.034	0.9
Outer Shield	.047	1.2
Min. Bend Radius	.125	3.2

**ELECTRICAL SPECIFICATIONS**

Impedance (ohms)	50
Velocity of Propagation	69.5
Capacitance (pf/ft)	30.2
Shielding Effectiveness (dB)	>90
Max. Operating Frequency (GHz)	26.5

**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	2.25

**OPERATING TEMPERATURE**

-55 to +200 °C

**WEIGHT**

0.47 lbs/ft  
 0.7 kg/m

COAX CABLE