

962-010-402
50 Ohm Low Loss Coax Cable

- 18 GHz
 - Tape+Braid Shields
 - PTFE Dielectric
- FEP or ETFE Jacket
 - .163" Diameter
 - .037" Conductor



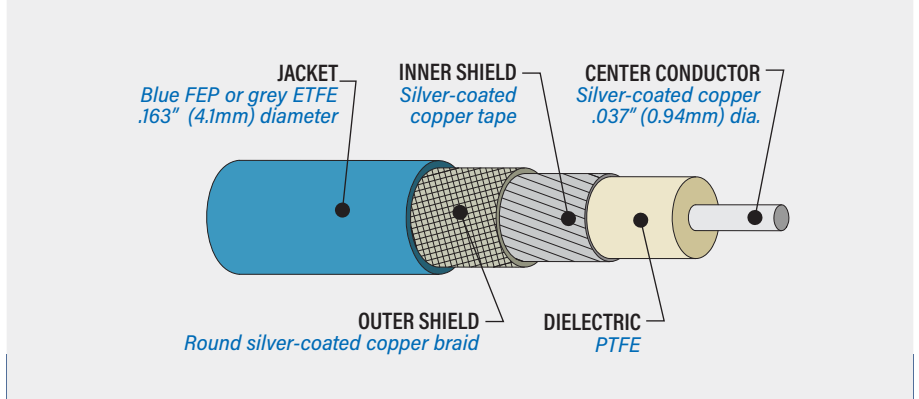
50 ohm. Double shield. Low loss. 962-010-402 coax cable has abrasion resistant FEP jacket or radiation-resistant space-grade ETFE jacket. Two shield layers: flat SPC (silver-plated copper) tape wrap inner shield and round SPC braid outer shield. Solid SPC center conductor.

- 50 ohm
- FEP jacket: -55 to +165 °C
- ETFE jacket: -55 to +155 °C
- >90 dB shield effectiveness
- Double shield: braid over tape wrap
- Flexible replacement for RG402

PART NUMBER

Cable Outer Jacket	Part Number	
FEP, Blue	962-010-402	<i>Order in one foot increments</i>
ETFE, Grey	962-010-402TZ	<i>Order in one foot increments</i>

CONSTRUCTION



DIMENSIONS

	in	mm
Center Conductor	.037	0.94
Dielectric	.117	3.0
Inner Shield	.126	3.2
Outer Shield	.142	3.6
Jacket	.163	4.1
Min. Bend Radius	.394	10.0

ATTENUATION

	Attenuation (dB/ft)
0.5 GHz	.092
0.8 GHz	.119
1 GHz	.134
3 GHz	.248
6 GHz	.372
8 GHz	.442
10 GHz	.507
15 GHz	.654
18 GHz	.735

ELECTRICAL SPECIFICATIONS

Impedance (ohms)	50
Velocity of Propagation	70%
Capacitance (pf/ft)	28.9
Shielding Effectiveness (dB)	>90
Delay (ns/ft)	1.43
Max. Operating Frequency (GHz)	18

OPERATING TEMPERATURE

FEP Jacket	-55 to +165 °C
ETFE Jacket	-55 to +155 °C

COAX CABLE