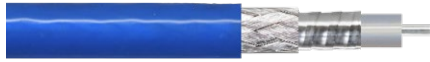


962-010-405
50 Ohm Low Loss Coax Cable

- 40 GHz
- Tape+Braid Shields
- PTFE Dielectric
- FEP or ETFE Jacket
- .097" or .104" Diameter
- .020" Conductor

COAX CABLE



BLUMARK
 COAX CABLES **RF**

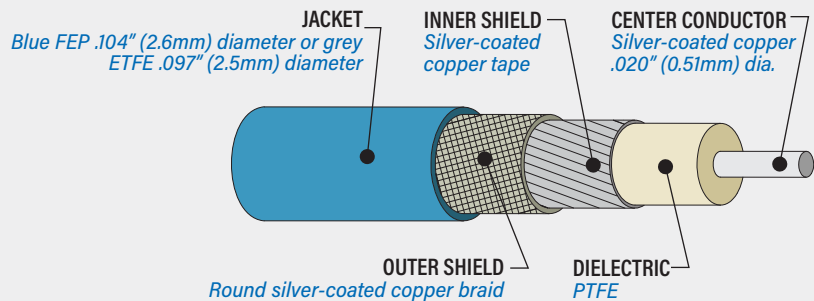
50 ohm. Double shield. Low loss. 962-010-405 coax cable is a flexible alternative to RG405 semi-rigid cable. Abrasion resistant blue FEP jacket or radiation resistant space-grade grey ETFE jacket. Two shield layers: flat SPC (silver-plated copper) tape wrap inner shield and round SPC braid outer shield. 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 equivalent to RG405

PART NUMBER

Cable Outer Jacket	Part Number	
FEP, Blue	962-010-405	<i>Order in one foot increments</i>
ETFE, Grey	962-010-405TZ	<i>Order in one foot increments</i>

CONSTRUCTION



DIMENSIONS

	in	mm
Center Conductor	.020	0.51
Dielectric	.064	1.6
Inner Shield	.071	1.8
Outer Shield	.086	2.2
FEP Jacket	.104	2.6
ETFE Jacket	.097	2.5
Min. Bend Radius	.236	6.0

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)	40

ATTENUATION

	Attenuation (dB/ft)
0.5 GHz	.162
0.8 GHz	.207
1 GHz	.233
3 GHz	.419
6 GHz	.614
8 GHz	.721
10 GHz	.819
15 GHz	1.036
18 GHz	1.154
20 GHz	1.229
26.5 GHz	1.456
30 GHz	1.571
35 GHz	1.728
40 GHz	1.878

OPERATING TEMPERATURE

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