

TFLEX®-405 FLEXIBLE LOW LOSS CABLE

TFlex® has been widely adopted for both military and commercial communication systems. Its FEP jacket provides excellent protection in corrosive environments and its flexible nature eliminates the need for hand or precision machine bending.

FEATURES

- Meets all MIL-DTL-17 requirements
- Excellent shielding effectiveness
- Low passive intermod (PIM)
- Uses standard solder-on connectors

Mechanical Properties

	Units	
Diameter	in (mm)	0.104 (2.64)
Weight	lb/ft (kg/m)	0.015 (0.022)
Minimum Bend Radius	in(mm)	.250 (6.4)
Operating Temperature	°F (°C)	-85° to 267°(-65 to 125)

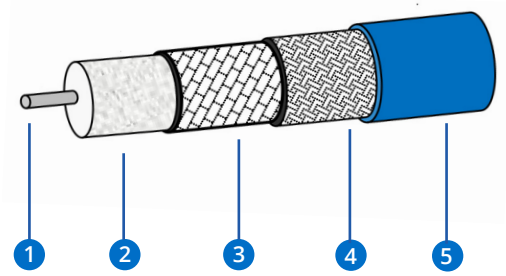
Electrical Properties

	Units	
Impedance	Ω	50 +/- 2
Maximum Frequency	GHz	60
Capacitance	pF/ft (pF/m)	29.3 (96.1)
Velocity of Propagation		69.5%
Delay	ns/ft (ns/m)	1.46 (4.80)
Shielding		>100dB minimum
Operating Voltage	Volts RMS	1.5 kV
Jacket Spark	Volts RMS	2.0 kV

Attenuation	dB/ft	dB/m
400 MHz	.131	(.430)
1 GHz	.211	(.692)
3 GHz	.380	(1.24)
12 GHz	.830	(2.72)
18 GHz	1.06	(3.48)

KEY APPLICATIONS

- Microwave Interconnects
- Flexible alternative to semi-rigid cables



- 1 Inner Conductor** Solid silver covered steel
- 2 Dielectric** Solid PTFE
- 3 Inner Shield** Silver plated copper flat ribbon
- 4 Outer Shield** Silver plated copper braid
- 5 Jacket** FEP

WORLD HEADQUARTERS

358 Hall Avenue, Wallingford, CT 06492
1-800-867-2629

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Coaxial Cables](#) category:

Click to view products by [Amphenol](#) manufacturer:

Other Similar products are found below :

[89880-003-1000](#) [CY2389-000](#) [8221-010-U1000](#) [9116-010-U500](#) [1322R-010-1000](#) [1807A-B59-U1000](#) [2020K8421-9X-CS3417](#) [9251-010-1000](#) [9275-010-U1000](#) [935240-000](#) [980704-001](#) [CF2823-000](#) [33312-010-500](#) [CZ1589-000](#) [5022W0809-0CS3263](#) [10610-4-4](#) [EF8108-000](#) [535719-000](#) [1673B TIN100](#) [672525-001](#) [144517-000](#) [735A1-008-1000](#) [134655-000](#) [8212-010-U500](#) [480414-000](#) [7915A 009U1000](#) [5024A1311-0](#) [1281S5 010250](#) [1281S5 000250](#) [1530A 010U1000](#) [1505A 0081000](#) [9272 006U1000](#) [9248 010U1000](#) [7809WB 010500](#) [9244 0101000](#) [1694A 0081000](#) [1190A 0101000](#) [8241F J5C1000](#) [1674A TIN50](#) [7915A 0091000](#) [TRCH-50-2](#) [9066 0031000](#) [7805R 008100](#) [1674A TIN100](#) [9116SB 0101000](#) [1525A 0031000](#) [9271 0061000](#) [1613A 0101000](#) [1807A B591000](#) [5339Q5 009U500](#)