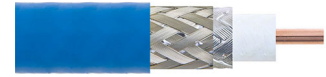


Low PIM Flexible TFT-5G-402 Coax Cable Double  
Shielded with Blue FEP Jacket



**TFT-5G-402-LC**

**Configuration**

- Low PIM Flexible Cable
- 2 Shield(s)

**Features**

- PIM < -160 dBc
- UL910 Plenum Rated Cable
- Lightweight and Extremely Flexible
- Low Loss
- Good Shielding >80 dB
- UV Resistant Jacket

**Applications**

- Base Stations
- Distributed Antenna Systems (DAS)
- Small Cells
- Antenna Pigtails
- Plenum Installations
- Multi-Carrier Communication Systems

**Description**

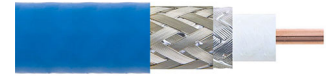
TFT-5G-402 low pim flexible coax cable by Times Microwave is part of our full line of RF components available for same-day shipping. The TFT-5G-402 plenum rated coaxial cable features a taped PTFE dielectric, solid copper center conductor and a dual-braid outer conductor. These features combine to make the Times Microwave TFT-5G-402 an extremely flexible, low loss and low PIM coax cable that is well suited for Distributed Antenna Systems (DAS), plenum installations or small cells. The tough, FEP jacket provides moisture, UV protection and resistance to corrosive environments.

Our datasheet specifications and drawing with dimensions for Times Microwave TFT-5G-402 coax cable are shown below in this PDF. Whether the need is to provide a low PIM jumper connection, low PIM antenna pigtails or simply create a custom cable assembly configuration, L-com has the right TFT-5G-402 cable assemblies for the job.

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
Velocity of Propagation		76		%
Shielding Effectiveness	80			dB
Nominal Capacitance		26.7 [87.6]		pF/ft [pF/m]

Low PIM Flexible TFT-5G-402 Coax Cable Double Shielded with Blue FEP Jacket



**TFT-5G-402-LC**

**Performance by Frequency Band**

Description	F1	F2	F3	F4	F5	Units
Frequency	0.45	1.9	2.3	4.9	5.8	GHz
Attenuation, Typ	7.9	16.4	18.2	27	29.5	dB/100ft
	25.92	53.81	59.71	88.58	96.78	dB/100m
Input Power (CW), Max	430	200	180	120	110	Watts

**Mechanical Specifications**

Diameter	0.16 in 4.06 mm
Weight	0.028 lbs/ft [0.04 kg/m]
Min. Bend Radius (Installation)	0.75 in [19.05 mm]

**Construction Specifications**

Description	Material and Plating	Diameter
Inner Conductor	Copper , 1 Strands Strand(s)	0.037in 0.94mm
Conductor Type	Solid	
Dielectric	PTFE	0.113in 2.87mm
First Shield	Tin	0.121 in 3.07 mm
Outer Conductor	Copper, Tin	0 in 0 mm
Jacket	FEP, Blue	0.16in 4.06mm

**Environmental Specifications**

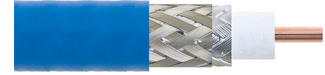
Temperature Operating Range	-55deg C to +150deg C
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**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

Low PIM Flexible TFT-5G-402 Coax Cable Double Shielded with Blue FEP Jacket from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and

Low PIM Flexible TFT-5G-402 Coax Cable Double  
Shielded with Blue FEP Jacket



## TFT-5G-402-LC

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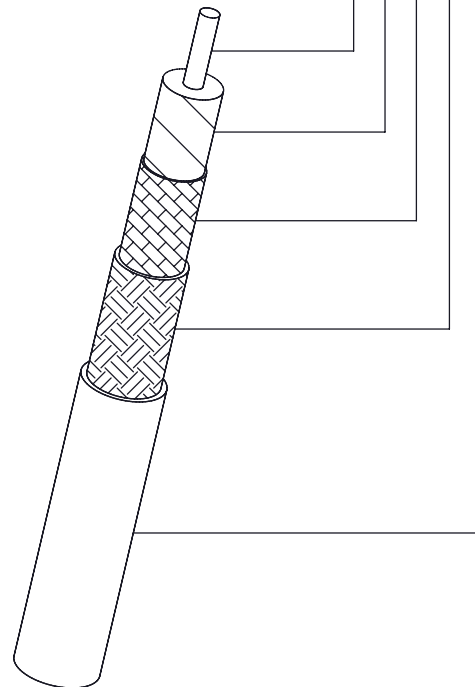
surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.

# Low PIM Flexible TFT-5G-402 Coax Cable Double Shielded with Blue FEP Jacket

L-com CAD Drawing

REVISIONS		
REV.	DESCRIPTION	DATE
A	INITIAL RELEASE	09/13/2022
		A. GANWAN



Center Conductor	.037 [0.94]	Bare Copper
Dielectric	.113 [2.87]	Taped PTFE
Shield	.121 [3.07]	Tin Plated Flat Braid
Outer Braid	.138 [3.51]	Tin Plated Copper Braid
Jacket	.160 [4.06]	Blue FEP

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X = ± .2 [5.08]      FRACTIONS ± 1/32  
 .XX = ± .02 [.51]      ANGLES ± 1°  
 .XXX = ± .005 [.13]      CABLE LENGTH (L) TOLERANCES:  
     L ≤ 12 [305] = +1 [25] / -0  
     12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
     60 [1524] < L ≤ 120 [3048] = +4 [102] / -0  
     120 [3048] < L ≤ 300 [7620] = +6 [152] / -0  
     300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

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ITEM NO. TFT-5G-402-LC

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

REV A

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T-Rev.0