

## TFT-402-LF Low PIM Flexible Coax Cable Blue FEP Jacket

### Times Microwave Systems Coax Cable Specification

TFT-402-LF low pim plenum rated coax cable by Times Microwave is in-stock and ships same day. The TFT-402-LF coaxial cable features a taped PTFE dielectric, solid copper center conductor and a dual-layer outer conductor for enhanced shielding performance. The tough jacket, made from an FEP fluoropolymer, provides chemical resistance, moisture resistance and UV protection. These features combine to make the Times Microwave TFT-402-LF an extremely flexible, low PIM coax cable, ideally suited for Small Cells, Distributed Antenna Systems (DAS) or plenum installations.

A datasheet and specifications for Times Microwave TFT-402-LF coax cable, supplied by Fairview Microwave, are shown in this PDF below. Our extensive offering of RF, microwave and millimeter wave components allows designers to configure and customize their signal connections however they like. For providing low PIM jumper connections, low PIM feeder cables or connecting Small Cells, Fairview Microwave has the right cables for the job.

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		5.8	GHz
Impedance		50		Ohms
Velocity of Propagation		76		%
Shielding Effectiveness	80			dB
Passive Intermodulation			-160	dBc
Nominal Capacitance		26.7 [87.6]		pF/ft [pF/m]

### 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 25.92	16.4 53.81	18.2 59.71	27 88.58	29.5 96.78	dB/100ft dB/100m
Power In (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	0.037 in [0.94 mm]
Conductor Type	Solid	



### Configuration:

- Low PIM Flexible Cable
- 2 Shield(s)

### Features:

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

### Applications:

- Small Cells
- Antenna Pigtails
- Plenum Installations
- Base Stations
- Multi-Carrier Communication Systems

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Dielectric	PTFE	0.113 in [2.87 mm]
First Shield	Tin	0.121 in [3.07 mm]
Outer Conductor	Copper, Tin	0.138 in [3.51 mm]
Jacket	FEP, Blue	0.16 in [4.06 mm]

**Environmental Specifications**

**Temperature**

Operating Range -55 to +150 deg C

**Compliance Certifications** (see [product page](#) for current document)

**Plotted and Other Data**

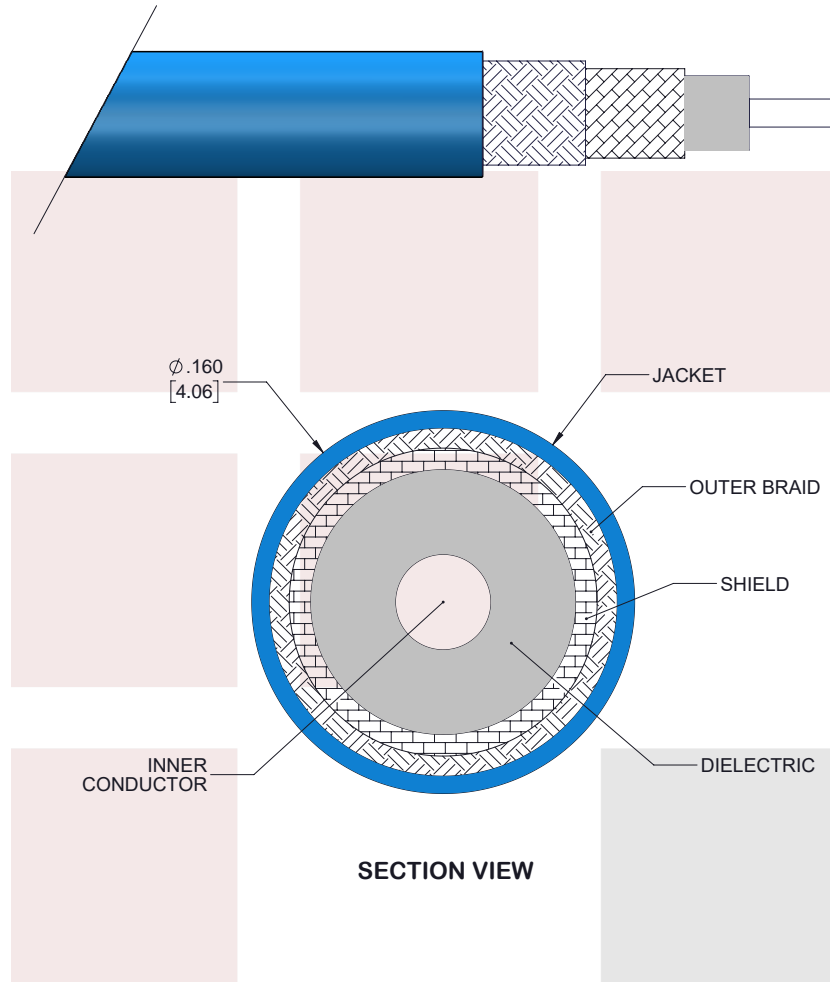
Notes:

TFT-402-LF Low PIM Flexible Coax Cable Blue FEP Jacket from Fairview Microwave has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link to obtain additional part information: [TFT-402-LF Low PIM Flexible Coax Cable Blue FEP Jacket TFT-402-LF](#)

URL: <https://www.fairviewmicrowave.com/tft-402-lf-low-pim-flexible-coax-cable-fep-jacket-tft-402-lf-p.aspx>

The information contained in 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 implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.



STANDARD TOLERANCES	
.X	$\pm 0.2$
.XX	$\pm 0.01$
.XXX	$\pm 0.005$

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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TITLE TFT-402-LF Low PIM Flexible Coax Cable Blue FEP Jacket		DWG NO TFT-402-LF		CAGE CODE 3FKR5		
CAD FILE	022118	SHEET	1 OF 1	SCALE	N/A	SIZE A
						7361