

TFT - 5G

- -160 dBc PIM for optimal system performance
- UL listed, type CMP (plenum), UL file # E-170516
- Extremely flexible
- Durable FEP outer jacket
- For indoor and outdoor use



Specifications

	Units	402	401
Diameter	in (mm)	0.160 (4.06)	0.265 (6.73)
Center Conductor	in (mm)	0.037 (0.94)	0.064 (1.63)
Dielectric	in (mm)	0.113 (2.87)	0.208 (5.28)
Shield	in (mm)	0.123 (3.12)	0.218 (5.54)
Outer Braid	in (mm)	0.138 (3.51)	0.240 (6.10)
Minimum Bend Radius	in (mm)	0.50 (12.7)	0.75 (19.05)
Weight	lb/1000 ft (kg/1000 m)	31.0 (46.1)	78.0 (116.1)
Velocity of Propagation	%	76	72
Capacitance	pF/ft (pF/m)	26.7 (87.6)	28.2 (92.5)
Shielding	dB	>80	>80



CENTER CONDUCTOR

Bare Copper

DIELECTRIC

Expanded PTFE

SHIELD

Tin Plated Flat Braid

OUTER BRAID

Tin Plated Copper Braid

JACKET

Blue FEP



Impedance
50 Ohms



Op Temp
-67 to 302°F
-55 to 150°C

Attenuation - dB/100ft (dB/100m)

	402	401
450	8.24 (27.0)	5.43 (17.8)
600	9.63 (31.6)	6.43 (21.1)
900	12.03 (39.4)	8.21 (26.9)
1900	18.24 (59.8)	13.09 (42.9)
2100	19.30 (63.3)	13.96 (45.8)
2500	21.32 (69.9)	15.63 (51.2)
3500	25.86 (84.8)	19.51 (64.0)
4900	31.44 (103.1)	24.49 (80.3)
5800	34.72 (113.9)	27.50 (90.2)

Frequency in MHz

Maximum Power - (w)

	402	401
450	541	1266
600	463	1071
900	371	845
1900	245	535
2100	232	502
2500	210	450
3500	205	363
4900	143	291
5800	129	260

Frequency in MHz

How to order

TFT402 - **CODE** **CODE** - **10.0** **F**

- Connector A Connector B - Length / 3 dig F = feet
 M = meters
 I = inches

USE ABBREVIATIONS FROM THE CHART BELOW.

Abbreviation	Description	Abbreviation	Description
10M	1.0/2.3 mini DIN Male	DMR	7/16-Male (plug) right angle
225F	2.2/5 Female (jack)	NF	N-Female (jack)
225M	2.2/5 Male (plug)	NFB	N-Female (jack) bulkhead
41F	4.1/9.5 mini DIN Female	NM	N-Male (plug)
41M	4.1/9.5 mini DIN Male	NMR	N-Male (plug) right angle
43F	4.3/10 Female (jack)	NXFB	Nex10 Female (jack) bulkhead
43FB	4.3/10 Female (jack) bulkhead	NXM	Nex10 Male (plug)
43M	4.3/10 Male (plug)	NXMR	Nex10 Male (plug) right angle
43MR	4.3/10 Male (plug) right angle	QM	QMA-Male (plug)
43MS	4.3/10 Male (plug) snap-on	QMR	QMA-Male (plug) right angle
DF	7/16 Female (jack)	SM	SMA-Male (plug)
DFP	7/16-Female (jack) panel mount	SMR	SMA-Male (plug) right angle
DM	7/16-Male (plug)		

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Abbreviation	Description	Weather Boot - WPB (Y/N) See page 13 for details	Abbreviation	Description	Weather Boot - WPB (Y/N) See page 13 for details
225M	2.2/5 Male (plug)	N	NFB	N-Female (jack) bulkhead	N
41F	4.1/9.5 mini DIN Female	N	NM	N-Male (plug)	Y
41MR	4.1/9.5 mini DIN Male right angle	Y	NMR	N-Male (plug) right angle	Y
43F	4.3/10 Female (jack)	N	NXFB	Nex10 Female (jack) bulkhead	N
43FB	4.3/10 Female (jack) bulkhead	N	NXM	Nex10 Male (plug)	Y
43M	4.3/10 Male (plug)	Y	NXMS	Nex10 Male (plug) snap-on	Y
43MR	4.3/10 Male (plug) right angle	Y	NXMR	Nex10 Male (plug) right angle	N
43MS	4.3/10 Male (plug) snap-on	Y	QM	QMA-Male (plug)	N
DF	7/16 DIN female (jack)	N	QMR	QMA-Male (plug) right angle	N
DM	7/16 DIN Male (plug)	Y	SM	SMA-Male (plug)	N
DMR	7/16 DIN Male (plug) right angle	Y	SMR	SMA-Male (plug) right angle	N
NF	N-Female (jack)	N			

Mouser Electronics

Authorized Distributor

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[TFT5G40243M43M1.0M](#)