

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



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) | | |

TFT401 - 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 | 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 | | | |

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