



### Features

- Low Loss
- Low VSWR
- Operating Frequency Range DC~18GHz

### Applications

- Research & Development Labs
- Bench VNA's and Analyzers
- RF Module Testing

## Specifications

### Electrical

Operating Frequency	DC~18GHz
Cutoff Frequency	40GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	90dB min
Voltage Rating	100V, DC
Phase Stability	±1.0°/GHz

### Environmental & Mechanical

Operating Temperature	-55°C ~ +125°C
Min Bending Radius/Single	24 mm
Min Bending Radius/Repeated	48 mm
Weight	58g/m

### Attenuation@25°C & Power@40°C (sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	40	58.9	74.3	112.1	133.6	153.5	176	224
Power Handling(W)	488	332	263	174	146	127	111	87

### Construction

 Inner Conductor	Solid Silver-plated Copper	0.94 mm
 Dielectric	Solid PTFE	2.98 mm
 Inner Shield	Silver-plated Copper Tape	3.25 mm
 Interlayer Shield	Aluminum Foil	3.40 mm
 Outer Shield	Silver-plated Copper Braid	3.95 mm
 Jacket	Transparent FEP	4.88 mm

### Outline



## Ordering Information

<b>TX480 - 18 - SSF - 1</b>
Cable Code
Operating Frequency(GHz)
RF Connectors(S: SMA) SS: SMA male to SMA male SSF: SMA male to SMA female SFSF: SMA female to SMA female
Overall Length(meter(s))

For other connector options, contact factory.