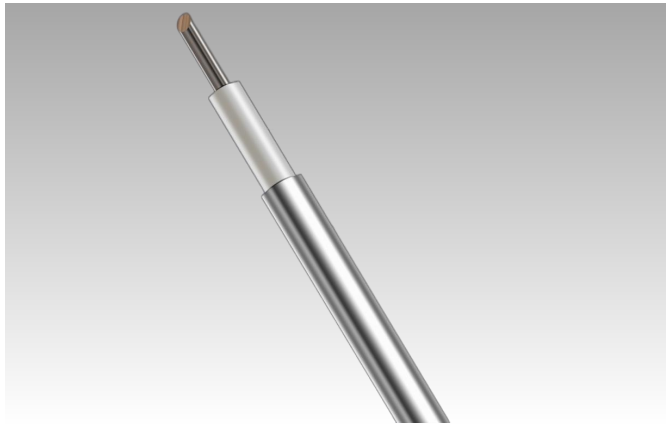


TF250

Low Loss Semi-Rigid Cable Assembly DC~18GHz

TITAN MICROWAVE INC.



Features

- Low VSWR
- Low Loss
- Easy Installation (hand formable)
- Fits into the small systems

Applications

- Test & measurement instrumentation
- Medical Electronics
- Telecommunications
- Oscillators
- Amplifiers

Specifications

Electrical

- **Operating Frequency** DC~18GHz
- **Cutoff Frequency** 19GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 76%
- **Screening Effectiveness** 165dB min
- **Voltage Rating** 2200V, DC

Environmental & Mechanical

- **Operating Temperature** -55°C ~ +250°C
- **Min Bending Radius/Single** 32mm
- **Weight** 136g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	18.3	26.2	32.4	47	54.9	62.1	69.9	86.1
Power Handling(W)	623	435	351	242	207	183	163	132

Construction

 Inner Conductor Silver-plated Copper	1.78mm
 Dielectric PTFE	5.33mm
 Outer Conductor Ternary Alloy Plated Seamless Copper Tube	6.35mm

Outline



Ordering Information

TF250 - 18 - SSF - 1

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.