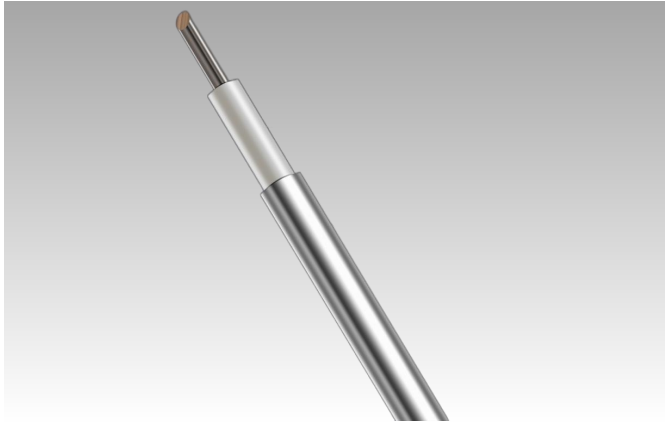


# TF141

## Low Loss Semi-Rigid Cable Assembly DC~26.5GHz

**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~26.5GHz
- **Cutoff Frequency** 36GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 76%
- **Screening Effectiveness** 165dB min
- **Voltage Rating** 1000V, DC

### Environmental & Mechanical

- **Operating Temperature** -55°C ~ +250°C
- **Min Bending Radius/Single** 10mm
- **Weight** 47g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation(dB/100m)	31.7	45.5	56.4	81.7	95.6	108.1	121.8	150.3	187.7
Power Handling(W)	385	268	217	149	128	113	100	81	65

### Construction

 <b>Inner Conductor</b> Silver-plated Copper	0.99mm
 <b>Dielectric</b> PTFE	3.00mm
 <b>Outer Conductor</b> Ternary Alloy Plated Seamless Copper Tube	3.58mm

### Outline



## Ordering Information

**TF141 - 26.5 - 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.*