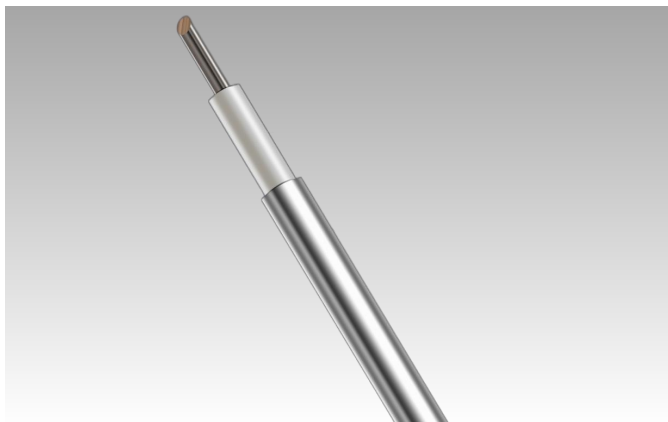


TF086

Low Loss Semi-Rigid Cable Assembly DC~40GHz

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~40GHz
- **Cutoff Frequency** 64GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 76%
- **Screening Effectiveness** 165dB min
- **Voltage Rating** 500V, DC

Environmental & Mechanical

- **Operating Temperature** -55°C ~ +250°C
- **Min Bending Radius/Single** 7mm
- **Weight** 21g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5	40
Attenuation(dB/100m)	58.3	82.8	101.7	144.9	168	188.4	210.6	255.5	312.8	388.7
Power Handling(W)	259	182	148	104	90	80	72	59	48	39

Construction

 Inner Conductor Silver-plated Copper	0.56mm
 Dielectric PTFE	1.68mm
 Outer Conductor Ternary Alloy Plated Seamless Copper Tube	2.18mm

Outline



Ordering Information

TF086 - 40 - KKF - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(K:2.92mm)

KK: 2.92mm male to 2.92mm male

KKF: 2.92mm male to 2.92mm female

KFKF: 2.92mm female to 2.92mm female

Overall Length(meter(s))

For other connector options, contact factory.