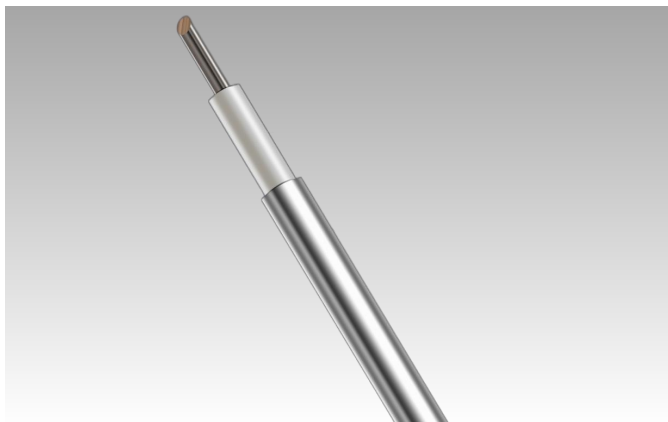


# TE034

## Economical Simi-Rigid Cable Assembly DC~40GHz

**TITAN MICROWAVE INC.**



### Features

- Low VSWR
- Frequency ranges from DC to 40GHz
- 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** 154GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 70%
- **Screening Effectiveness** 165dB min
- **Voltage Rating** 100V, DC

### Environmental & Mechanical

- **Operating Temperature** -55°C ~ +125°C
- **Min Bending Radius/Single** 1.60 mm
- **Weight** 3g/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)	157.9	224.9	277.1	397	461.5	519	581.6	709.6	874.5	1096
Power Handling(W)	102	72	58	41	35	31	28	23	18	15

### Construction

 <b>Inner Conductor</b> Solid Silver-plated Copper	0.203mm
 <b>Dielectric</b> Low Density PTFE	0.660mm
 <b>Outer Conductor</b> Ternary Alloy Plated Seamless Copper Tube	0.864mm

### Outline



## Ordering Information

**TE034 - 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

KFK: 2.92mm female to 2.92mm female

Overall Length(meter(s))

*For other connector options, contact factory.*