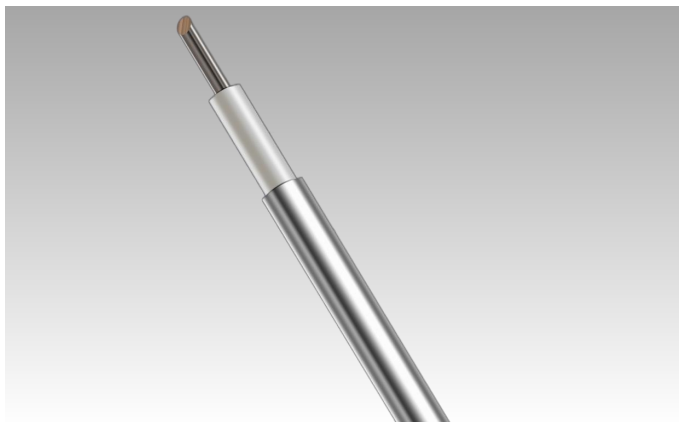


TE020

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** 240GHz
- **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** 1.27mm
- **Weight** 2g/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)	240.1	341.3	419.6	598.5	694.2	779.2	871.3	1058.6	1298	1616.3
Power Handling(W)	64	45	37	26	22	20	18	15	12	10

Construction

 Center Conductor Solid Silver-plated Copper	0.127mm
 Dielectric Low Density PTFE	0.432mm
 Outer Conductor Ternary Alloy Plated Seamless Copper Tube	0.58mm

Outline



Ordering Information

TE020	-	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.