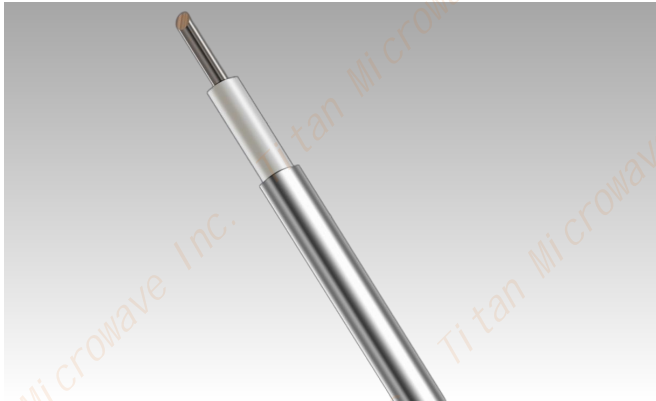


TE047

Economical Simi-Rigid Cable Assembly DC~40GHz



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	110GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	165dB min
Voltage Rating	100V, DC
Capacitance	100pF/m
Time Delay	4.7ns/m

Environmental & Mechanical

Operating Temperature	-55°C~+125°C
Min Bending Radius/Single	4.2 mm
Weight	4g/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)	113.6	162.4	200.5	288.6	336.4	379.2	425.9	522	646.9	816.3
Power Handling(W)	147	103	83	58	50	44	39	32	26	20

Construction

Inner Conductor	Solid Silver-plated Copper	0.29mm
Dielectric	Low Density PTFE	0.95mm
Outer Conductor	Ternary Alloy Plated Seamless Copper Tube	1.22mm

Outline



Ordering Information

TE047 - 40 - K K F - 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

KKF: 2.92mm female to 2.92mm female

Overall Length(meter(s))

For other connector options, contact factory.