



### Features

- Low Loss
- Low VSWR
- Operating Frequency Range DC~40GHz

### Applications

- Research & Development Labs
- Bench VNA's and Analyzers
- High Volume Protection Test
- RF Module Testing

## Specifications

### Electrical

Operating Frequency	DC~40GHz
Cutoff Frequency	46GHz
Impedance	50Ω
Velocity of Propagation	83%
Screening Effectiveness	90dB min
Voltage Rating	100V, DC
Phase Stability	±0.3°/GHz

### Environmental & Mechanical

Operating Temperature	-55°C ~ +85°C
Min Bending Radius/Single	20 mm
Min Bending Radius/Repeated	40 mm
Weight	37g/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)	37.9	54	66.5	95.2	110.7	124.5	139.6	170.3	209.9	263.1
Power Handling(W)	173	121	99	69	59	53	47	38	31	25

### Construction

 Inner Conductor	Solid Silver-plated Copper	0.83 mm
 Dielectric	Low Density PTFE	2.42 mm
 Inner Shield	Silver-plated Copper Tape	2.55 mm
 Interlayer Shield	PFA	2.85 mm
 Outer Shield	Silver-plated Copper Braid	3.42 mm
 Jacket	PUR Blue	3.95 mm

### Outline



## Ordering Information

**TX400 - 40 - KKF - 1**

Cable Code

Max 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.*