

# TT360

## High Precision Phase Stable Test Cable Assembly DC~50GHz



### Features

- Low Loss
- Low VSWR
- Phase Stable
- Operating Frequency Range DC~50GHz

### Applications

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

### Specifications

#### Electrical

Operating Frequency	DC~50GHz
Cutoff Frequency	50GHz
Impedance	50Ω
Velocity of Propagation	76%
Screening Effectiveness	90dB min
Voltage Rating	1200V, DC

#### Environmental & Mechanical

Operating Temperature	-55°C~+165°C
Min Bending Radius/Single	18.0 mm
Min Bending Radius/Repeated	36.0 mm
Weight	31g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5	40	50
Attenuation(dB/100m)	48.1	68.3	83.9	119.4	138.4	155.2	173.4	210.2	257.1	319.2	359.2
Power Handling(W)	506	356	290	204	176	157	140	116	95	76	68

#### Construction

Inner Conductor	Solid Silver-plated Copper	0.72mm
Dielectric	Low Density PTFE	2.10mm
Inner Shield	Silver-plated Copper Tape	2.25mm
Interlayer Shield	Low Density PTFE	2.55mm
Outer Shield	Silver-plated Copper Braid	3.01mm
Jacket	Blue FEP	3.60mm

#### Outline



#### Ordering Information

**TT360 - 50 - 44F - 1**

Cable Code

Operating Frequency(GHz)

RF Connectors(4: 2.4mm)

44: 2.4mm male to 2.4mm male

44F: 2.4mm male to 2.4mm female

4F4F: 2.4mm female to 2.4mm female

Overall Length(meter(s))

*For other connector options, contact factory.*