High Precision Phase Stable Test Cable Assembly DC~50GHz

TITAN MICROWAVE INC.



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
 Cutoff Frequency
 Impedance
 Velocity of Propagation
 Screening Effectiveness
 Voltage Rating
 DC~50GHz
 50GHz
 76%
 90dB min
 500V, DC

Environmental & Mechanical

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

Attenuation@25℃ & Power@40℃(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

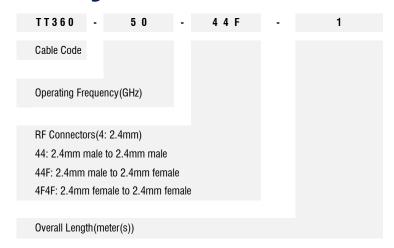
Construction

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

Outline



Ordering Information



For other connector options, contact factory.