High Precision Phase Stable Test Cable Assembly DC~18GHz

TITAN MICROWAVE INC.



Features

- Low Loss
- Low VSWR
- Phase Stable
- Operating Frequency Range DC~18GHz

Applications

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

Specifications

Electrical

Operating Frequency DC~18GHz
Cutoff Frequency 18GHz
Impedance 50Ω
Velocity of Propagation 82%
Screening Effectiveness 90dB min
Voltage Rating 2000V, DC

Environmental & Mechanical

Operating Temperature -55℃~+165℃
Min Bending Radius/Single 39.0 mm
Min Bending Radius/Repeated 78.0 mm
Weight 123g/m

Attenuation@25℃ & Power@40℃(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	16.7	23.8	29.3	42.1	48.9	55	61.7	75.3
Power Handling(W)	1604	1125	913	637	548	487	435	356

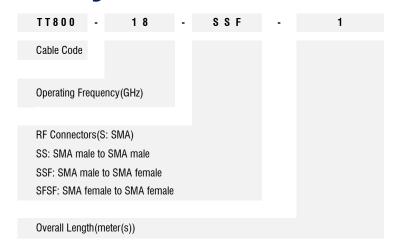
Construction

Inner Conductor	Solid Silver-plated Copper	2.39 mm
Dielectric	Low Density PTFE	6.16 mm
Inner Shield	Silver-plated Copper Tape	6.40 mm
Interlayer Shield	Low Density PTFE	6.70 mm
Outer Shield	Silver-plated Copper Braid	7.25 mm
Jacket	Blue FEP	7.80 mm

Outline



Ordering Information



For other connector options, contact factory.