High Precision Phase Stable Test Cable Assembly DC~26.5GHz

TITAN MICROWAVE INC.



Features

- Low Loss
- Low VSWR
- Phase Stable
- Operating Frequency Range DC~26.5GHz

Applications

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

Specifications

Electrical

Operating Frequency DC~26.5GHz
Cutoff Frequency 29GHz
Impedance 50Ω
Velocity of Propagation 82%
Screening Effectiveness 90dB min
Voltage Rating 2000V, DC

Environmental & Mechanical

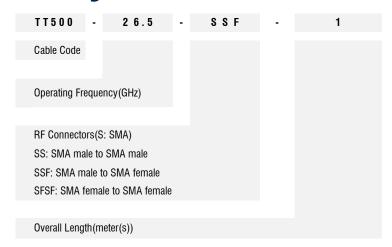
Operating Temperature -55℃~+165℃
Min Bending Radius/Single 25.5mm
Min Bending Radius/Repeated 51.0mm
Weight 55g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation(dB/100m)	27.1	38.9	48.1	69.6	81.3	91.9	103.5	127.4	158.8
Power Handling(W)	821	573	463	320	274	242	215	175	140

Construction Inner Conductor Stranded SPC 1.44 mm Dielectric Low Density PTFE 3.85 mm Inner Shield Silver-plated Copper Tape 4.05 mm Interlayer Shield Low Density PTFE 4.30 mm Outer Shield Silver-plated Copper Braid 4.65 mm Jacket Blue FEP 5.10 mm **Outline**

Ordering Information



For other connector options, contact factory.