Economical Simi-Rigid Cable Assembly DC~18GHz

TITAN MICROWAVE INC.



Features

- Low VSWR
- Frequency ranges from DC to 18GHz
- Easy Installation (hand formable)
- Fits into the small systems

Applications

- Test & measurement instrumentation
- Medical Electronics
- Telecommunications
- Oscillators
- Amplifiers

Specifications

Electrical

Operating Frequency DC~18GHz **Cutoff Frequency** 24GHz **Impedance** 50Ω **Velocity of Propagation** 70% Screening Effectiveness 165dB min **Voltage Rating** 500V, DC Capacitance 100pF/m **Time Delay** 4.7ns/m

Environmental & Mechanical

Operating Temperature -55℃~+125℃
 Min Bending Radius/Single 32mm
 Weight 146g/m

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

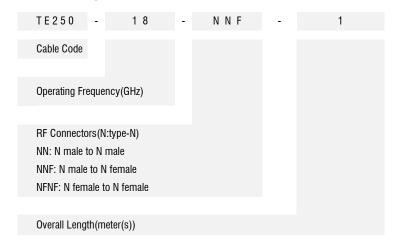
Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	22.5	34.1	44	69.1	84	98.1	114.2	149.7
Power Handling(W)	542	357	277	177	145	124	107	82

Construction

Inner Conductor Solid Silver-plated Copper 1.63mm
Dielectric Low Density PTFE 5.28mm
Outer Conductor Ternary Alloy Plated Seamless Copper Tube 6.35mm

Outline

Ordering Information



For other connector options, contact factory.