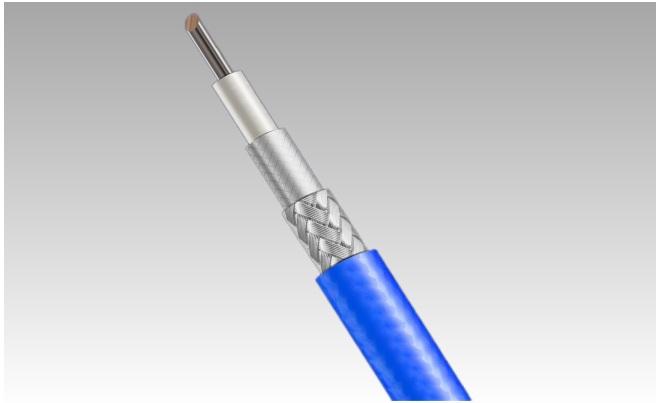


TG800

Economical Low Loss Cable Assembly
DC~18GHz
TITAN MICROWAVE INC.



Features

- Low VSWR
- Low Loss
- Easy Installation
- Fits into the small systems

Applications

- Telecommunications
- Interconnection between equipments

Specifications

Electrical

- Operating Frequency DC~18GHz
- Cutoff Frequency 19GHz
- Impedance 50Ω
- Velocity of Propagation 76%
- Screening Effectiveness 90dB min
- Voltage Rating 2000V, DC

Environmental & Mechanical

- Operating Temperature -55°C~+125°C
- Min Bending Radius/Single 41mm
- Min Bending Radius/Repeated 81mm
- Weight 135g/m

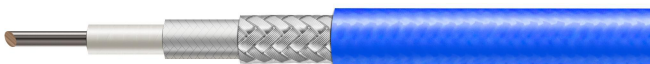
Attenuation@25°C & Power@40°C(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	16	18
Attenuation(dB/100m)	15.1	21.8	27.2	40.1	47.3	53.8	61	71	76.3
Power Handling(W)	1471	1015	814	553	469	412	363	312	291

Construction

 Inner Conductor	Silver Plated Copper	2.30mm
 Dielectric	Low density PTFE	6.80mm
 Inner Shield	Self-adhesive Aluminum Foil	6.95mm
 Outer Shield	Silver-plated Copper Braid	7.50mm
 Jacket	FEP	8.10mm

Outline



Ordering Information

TG800 - 18 - SSF - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(S:SMA)

SS: SMA male to SMA male

SSF: SMA male to SMA female

SFSF: SMA female to SMA female

Overall Length(meter(s))

For other connector options, contact factory.