

TG360

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	40GHz
▪ Impedance	50Ω
▪ Velocity of Propagation	76%
▪ Screening Effectiveness	70dB min
▪ Voltage Rating	1000V, DC

Environmental & Mechanical

▪ Operating Temperature	-55°C~+125°C
▪ Min Bending Radius/Single	18mm
▪ Min Bending Radius/Repeated	36mm
▪ Weight	29g/m

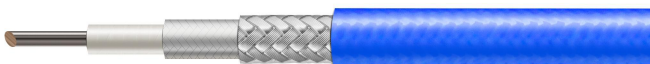
Attenuation@25°C & Power@40°C(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	38.7	55	67.7	96.9	112.5	126.4	141.5	172.3
Power Handling(W)	462	325	264	184	159	141	126	104

Construction

Inner Conductor	Silver Plated Copper	0.91mm
Dielectric	Low density PTFE	2.65mm
Inner Shield	Self-adhesive Aluminum Foil	2.78mm
Outer Shield	Silver-plated Copper Braid	3.15mm
Jacket	FEP	3.60mm

Outline



Ordering Information

TG360 - 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.