

Features

- Low VSWR
- LOW loss
- Operating Frequency Range DC~18GHz
- Ideal for Interconnect of Assembled Systems

Applications

- Replacement for Semi-rigid Cables
- Communications
- Environmental and Test Chambers

Specifications

Electrical

Operating Frequency	DC~18GHz
Cutoff Frequency	110GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	90dB min
Voltage Rating	300V, DC

Environmental & Mechanical

Operating Temperature	-55°C ~ +125°C
Min Bending Radius/Single	7.5 mm
Min Bending Radius/Repeated	14.5 mm
Weight	6g/m

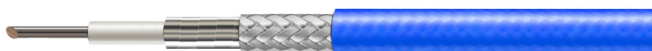
Attenuation@25°C & Power@40°C (sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation(dB/100m)	135.2	191.6	235.1	334	386.5	433	483.2	584.7
Power Handling(W)	82	58	47	33	29	26	23	19

Construction

 Inner Conductor	Solid Silver-plated Copper	0.30 mm
 Dielectric	PTFE	0.95 mm
 Inner Shield	Silver-plated Copper Tape	1.07 mm
 Outer Shield	Silver-plated Copper Braid	1.25 mm
 Jacket	FEP	1.45 mm

Outline



Ordering Information

TH160	-	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.