

#### Features

- Low VSWR
- Low loss
- Operating Frequency Range DC~26.5GHz
- Ideal for Interconnect of Assembled Systems

#### Applications

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

#### Specifications

##### Electrical

Operating Frequency	DC~26.5GHz
Cutoff Frequency	61GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	90dB min
Voltage Rating	1000V, DC

##### Environmental & Mechanical

Operating Temperature	-55°C~+125°C
Min Bending Radius/Single	13.5mm
Min Bending Radius/Repeated	26.5mm
Weight	20g/m

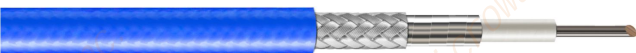
#### Attenuation@25°C & Power@40°C(sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation(dB/100m)	62.8	91.1	113.7	167.7	197.9	225.4	256	320.4	407.2
Power Handling(W)	119	82	66	45	38	33	29	23	18

#### Construction

Inner Conductor	Solid Silver-plated Copper	0.53mm
Dielectric	PTFE	1.68mm
Inner Shield	Silver-plated Copper Tape	1.83mm
Outer Shield	Silver-plated Copper Braid	2.18mm
Jacket	FEP Blue	2.65mm

#### Outline



#### Ordering Information

TH280 - 26.5 - 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.