



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	500V, DC

Environmental & Mechanical

Operating Temperature	-55°C ~ +125°C
Min Bending Radius/Single	13.5 mm
Min Bending Radius/Repeated	26.5 mm
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	1.63mm
 Inner Shield	Silver-plated Copper Tape	1.83mm
 Outer Shield	Silver-plated Copper Braid	2.18mm
 Jacket	FEP Blue	2.65mm

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.

Outline

