

### 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	34GHz
Impedance	50Ω
Velocity of Propagation	70%
Screening Effectiveness	90dB min
Voltage Rating	1500V, DC

### Environmental & Mechanical

Operating Temperature	-55°C ~ +125°C
Min Bending Radius/Single	20mm
Min Bending Radius/Repeated	40mm
Weight	41g/m

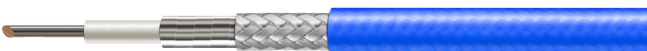
### Attenuation@25°C & Power@40°C (sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation(dB/100m)	37.6	55.1	69.3	103.9	123.5	141.6	161.9	205.3	264.7
Power Handling(W)	290	198	157	105	88	77	67	53	41

### Construction

 Inner Conductor	Solid Silver-plated Copper	0.94mm
 Dielectric	PTFE	3.00mm
 Inner Shield	Silver-plated Copper Tape	3.20mm
 Outer Shield	Silver-plated Copper Braid	3.55mm
 Jacket	FEP Blue	4.00mm

### Outline



## Ordering Information

**TH400 - 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.