



Features

- Multi-core and Super Flexible
- Excellent Shielding Performances
- Resistant to Harsh Environments

Applications

- RF Module Internal Connection
- Small and Complicated Installation Space
- Phased Array Radar
- Testing Cable Assembly

Specifications

Electrical

- **Operating Frequency** DC~26.5GHz
- **Cutoff Frequency** 35GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 76%
- **Screening Effectiveness** 90dB min
- **Voltage Rating** 1000V, DC

Environmental & Mechanical

- **Operating Temperature** -55℃~+85℃
- **Min Bending Radius/Single** 25mm
- **Min Bending Radius/Repeated** 50mm
- **Weight** 51g/m

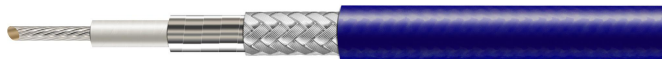
Attenuation@25℃ & Power@40℃ (sea level)

Frequency(GHz)	1	2	3	6	8	10	12.4	18	26.5
Attenuation (dB/100m)	38.5	55.9	69.8	103.2	121.9	139	157.9	198	252.1
Power Handling (W)	149	103	82	56	47	41	36	29	23

Construction

Inner Conductor	Solid Silver-plated Copper	1.02mm
Dielectric	Low Density PTFE	3.00mm
Inner Shield	Silver-plated Copper Spiral Strip	3.20mm
Outer Shield	Silver-plated Copper Wire Braid	3.78mm
Jacket	PUR Blue	5.00mm

Outline



Ordering Information

TZ500 - 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.