



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°C~+85°C
Min Bending Radius/Single	25mm
Min Bending Radius/Repeated	50mm
Weight	51g/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)	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

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

SSSF: SMA female to SMA female

Overall Length(meter(s))

For other connector options, contact factory.

Outline

