



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~40GHz |
| Cutoff Frequency | 51GHz |
| Impedance | 50Ω |
| Velocity of Propagation | 76% |
| Screening Effectiveness | 90dB min |
| Voltage Rating | 500V, DC |

Environmental & Mechanical

| | |
|-----------------------------|-------------|
| Operating Temperature | -55°C~+85°C |
| Min Bending Radius/Single | 18mm |
| Min Bending Radius/Repeated | 36mm |
| Weight | 27g/m |

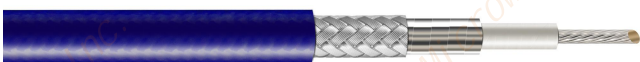
Attenuation@25°C & Power@40°C(sea level)

| Frequency(GHz) | 1 | 2 | 3 | 6 | 8 | 10 | 12.4 | 18 | 26.5 | 40 |
|----------------------|------|------|------|-------|-----|-------|-------|-------|-------|-------|
| Attenuation(dB/100m) | 51.9 | 74.4 | 92.1 | 133.4 | 156 | 176.4 | 198.7 | 244.9 | 305.5 | 388.8 |
| Power Handling(W) | 119 | 83 | 67 | 46 | 40 | 35 | 31 | 25 | 20 | 16 |

Construction

| | | |
|-----------------|----------------------------|--------|
| Inner Conductor | Solid Silver-plated Copper | 0.72mm |
| Dielectric | Low Density PTFE | 2.05mm |
| Inner Shield | Silver-plated Copper Tape | 2.22mm |
| Outer Shield | Silver-plated Copper Braid | 2.66mm |
| Jacket | PUR Blue | 3.60mm |

Outline



Ordering Information

| | | | | | | |
|--------------------------------|---|-------------|---|------------|---|----------|
| TZ360 | - | 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.