



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~18GHz
- **Cutoff Frequency** 20GHz
- **Impedance** 50Ω
- **Velocity of Propagation** 76%
- **Screening Effectiveness** 90dB min
- **Voltage Rating** 1700V, DC

Environmental & Mechanical

- **Operating Temperature** -55°C ~ +85°C
- **Min Bending Radius/Single** 40mm
- **Min Bending Radius/Repeated** 80mm
- **Weight** 116g/m

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

Frequency(GHz)	1	2	3	6	8	10	12.4	18
Attenuation (dB/100m)	18.2	26.7	33.8	50.9	60.7	69.8	80	101.9
Power Handling (W)	327	222	176	117	98	85	74	58

Construction

Inner Conductor	Solid Silver-plated Copper	1.88mm
Dielectric	Low Density PTFE	5.50mm
Inner Shield	Silver-plated Copper Spiral Strip	5.74mm
Outer Shield	Silver-plated Copper Wire Braid	6.31mm
Jacket	PUR Black	8.00mm

Outline



Ordering Information

T Z 8 0 0 - 1 8 - N N F - 1

Cable Code

Operating Frequency(GHz)

RF Connectors(N: Type N)

NN: N male to N male

NNF: N male to N female

NFNF: N female to N female

Overall Length(meter(s))

For other connector options, contact factory.