



### Features

- Low VSWR
- Low Loss
- Perfect Shielding Effectiveness

### Applications

- Wireless Mobile Communication
- Base Stations
- Cellular
- Microwave and Broadcast Applications

### Specifications

#### Electrical

Impedance	50±1Ω
Velocity of Propagation	88%
Capacitance	76 pF/m
Cut-off Frequency	13.5 GHz
RF Peak Voltage	1.05 KV
Peak Power	15.6 kW
Shielding Effectiveness	> 120dB
Insulation Voltage	2.5kV
Insulation Resistance	>5000 MΩ·Km

#### Environmental

Installation Temperature	-40°C~+60°C
Operating Temperature	-55°C~+85°C
Storage Temperature	-70°C~+85°C

#### Attenuation & Average Power @20°C (sea level)

Frequency(MHz)	100	200	450	800	900	1000	1500	1800	2000	2200	2400	2500	3000
Attenuation(dB/100m)	3.12	4.45	6.79	9.2	9.8	10.37	12.9	14.25	15.1	15.9	16.7	17.08	18.9
Power Handling(kW)	2.23	1.56	1.02	0.75	0.71	0.67	0.53	0.48	0.46	0.43	0.42	0.41	0.37

#### Construction

Inner Conductor	Copper Clad Aluminium Wire	3.30 mm
Dielectric	Physically Foamed Polyethylene	8.30 mm
Outer Conductor	Corrugated Copper Tube	9.60 mm
Outer Jacket	PE or LSZH	11.2 mm

#### Ordering Information

3/8" - TF - X - XXXX - X

Cable Code

Maximum Frequency(GHz)

RF Connectors

Overall Length(meter(s))

For other connector options, contact factory.

#### Outline

