



### 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	76.0 pF/m
Cut-off Frequency	3.7 GHz
RF Peak Voltage	4.6 kV
Peak Power Rating	194 kW
Shielding Effectiveness	> 120dB
Insulation Resistance	5000 MΩ·Km

#### Environmental & Mechanical

Min. Bending Radius Single	200 mm
Min. Bending Radius Repeated	350 mm
Tensile Strength	2500 N
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	300	450	800	900	1000	1400	1800	2000	2200	2400	2600	3000
Attenuation(dB/100m)	0.82	1.47	1.83	2.53	2.7	2.87	3.48	4.03	4.29	4.54	4.79	5.02	5.81
Power Handling(kW)	12	6.8	5.4	3.9	3.7	3.5	2.8	2.4	2.3	2.2	2	1.9	1.7

#### Construction

Inner Conductor	Copper Tube	13.1 mm
Dielectric	Physically Foamed Polyethylene	32.2 mm
Outer Conductor	Corrugated Copper Tube	35.8 mm
Outer Jacket	Black PE or LSZH	39.0 mm

#### Ordering Information

5/4" - TF	-	X	-	XXXX	-	X
Cable Code						
Maximum Frequency(GHz)						
RF Connectors						
Overall Length(meter(s))						

For other connector options, contact factory.