



### Features

- Low VSWR
- Low Loss
- Good Flexibility

### Applications

- RF Systems
- Wireless Communications

## Specifications

### Electrical

Operating Frequency	DC~3GHz
Impedance	50±3Ω
Capacitance	79±3 pF/M
Velocity of Propagation	86%
Inner Conductor DC Resistance	1.85 Ω/km
Outer Conductor DC Resistance	5.31 Ω/km
Shielding Effectiveness	>90dB
Insulation Resistance	1000 MΩ·km
Dielectric Strength	4000 Vdc
Voltage Withstand of Jacket	8000 Vac
Peak Power	40 kW
Tensile Strength	140 kg

### Environmental & Mechanical

Min Bending Radius/Single	75mm
Min Bending Radius/Repeated	150mm
Temperature Range	-20°C~+80°C

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

Frequency(MHz)	30	50	150	200	220	450	900	1500	1800	2000	2500	3000
Attenuation(dB/100m)	1.5	1.9	3.4	3.9	4.1	5.9	8.6	11.4	12.7	13.4	15.2	17
Power Handling(kW)	4.98	3.83	2.16	1.85	1.77	1.23	0.84	0.63	0.57	0.54	0.48	0.44

### Construction

Inner Conductor	Copper Clad Aluminum	4.47mm
Dielectric	Physically Foamed Polyethylene	11.5mm
Inner Shield	Aluminum Tape	11.7mm
Outer Shield	Tinned Copper Wire Braid	12.3mm
Jacket	Black PVC	15.0mm

### Ordering Information

<b>TMR600</b>	-	<b>3</b>	-	<b>XXXX</b>	-	<b>1</b>
Cable Code						
Max Frequency(GHz)						
RF Connectors						
Overall Length(meter(s))						

For other connector options, contact factory.

### Outline

