



### Features

- Low VSWR
- Low Loss
- Good Flexibility

### Applications

- RF Systems
- Wireless Communications

## Specifications

### Electrical

Operating Frequency	DC~3GHz
Impedance	50±2Ω
Capacitance	80±3 pF/M
Velocity of Propagation	83%
Inner Conductor DC Resistance	17.9 Ω/km
Outer Conductor DC Resistance	19.9 Ω/km
Shielding Effectiveness	>90dB
Insulation Resistance	1000 MΩ·km
Dielectric Strength	1000Vdc
Voltage Withstand of Jacket	3000Vac
Peak Power	2.5kW
Tensile Strength	45kg

### Environmental & Mechanical

Min Bending Radius/Single	25mm
Min Bending Radius/Repeated	50mm
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)	5.8	7.5	13.1	15.2	15.9	22.8	32.6	42.4	46.6	49.3	60.2	60.9
Power Handling(W)	900	700	400	330	330	230	160	120	110	110	100	90

### Construction

Inner Conductor	Solid Bare Copper	1.12mm
Dielectric	Physically Foamed Polyethylene	2.95mm
Inner Shield	Aluminum Tape	3.10mm
Outer Shield	Tinned Copper Wire Braid	3.60mm
Jacket	Black PVC	4.95mm

### Ordering Information

<b>TMR200</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

