



### 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	11.1 Ω/km
Outer Conductor DC Resistance	14.9 Ω/km
Shielding Effectiveness	>90dB
Insulation Resistance	1000 MΩ·km
Dielectric Strength	1500 Vdc
Voltage Withstand of Jacket	5000 Vac
Peak Power	5.6 kW
Tensile Strength	35 kg

### Environmental & Mechanical

Min Bending Radius/Single	30.5mm
Min Bending Radius/Repeated	61mm
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)	4.4	5.7	9.9	11.5	12.1	17.3	24.8	32.4	35.7	37.7	42.5	46.8
Power Handling(W)	1300	1000	580	500	480	330	230	180	160	150	130	120

### Construction

Inner Conductor	Solid Bare Copper	1.42mm
Dielectric	Physically Foamed Polyethylene	3.80mm
Inner Shield	Aluminum Tape	4.00mm
Outer Shield	Tinned Copper Wire Braid	4.50mm
Jacket	Black PVC	6.10mm

### Ordering Information

<b>TMR240</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

