



Features

- Low VSWR
- Low Loss
- Good Flexibility

Applications

- RF Systems
- Wireless Communications

Specifications

Electrical	
Operating Frequency	DC~3GHz
Impedance	$50\pm2\Omega$
Capacitance	80 ± 3 pF/M
Velocity of Propagation	83%
Inner Conductor DC Resistance	$17.9~\Omega/km$
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/Single25mmMin Bending Radius/Repeated50mm

Temperature Range $-20^{\circ}\text{C} \sim +80^{\circ}\text{C}$

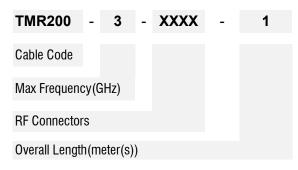
Attenuation & Average Power@20℃(sea level)

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

Carrie

Ordering Information



For other connector options, contact factory.

Outline