



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	80%
Inner Conductor DC Resistance	25.3 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	38kg

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)	6.5	8.4	14.6	16.9	17.7	25.6	36.5	47.7	52.5	55.5	62.4	68.8
Power Handling(W)	780	600	350	300	290	200	140	110	100	80	70	70

Construction

Inner Conductor	Solid Bare Copper	0.94mm
Dielectric	Physically Foamed Polyethylene	2.79mm
Inner Shield	Aluminum Tape	2.95mm
Outer Shield	Tinned Copper Wire Braid	3.53mm
Jacket	Black PVC	4.95mm

Ordering Information

TMR195	-	3	-	XXXX	-	1
Cable Code						
Max Frequency(GHz)						
RF Connectors						
Overall Length(meter(s))						

For other connector options, contact factory.

Outline

