

LT-LMR200-200LSZH

PLMR200, 50 Ohm Braided Coaxial Cable



Specifications

Electrical Specifications	
Capacitance	78 pF/m
Impedance	50 ± 2 Ω
Velocity	83.0%
Insulation Resistance	>5000 mΩ • km
Cut-off Frequency	1.0 kV
Withstanding Voltage (AC)	3.0 kV
Sparkover Voltage	3.53 kW
Peak Power Rating	5000 mΩ • km
Screen Efficiency	≥90 Db
VSWR	
800 ~ 1000 MHz	≤ 1.15
1700 ~ 2000 MHz	≤ 1.20
2000 ~ 2400 MHz	≤ 1.25

Construction Materials	
Inner Conductor	Copper
Dielectric	Physical Foam Polyethylene
Outer Conductor	Bonded Aluminum/ Polyester/ Aluminum Tape + TC Wire Braiding
Dielectric	Physical Foam Polyethylene
Outer Conductor Coverage	90%
Jacket	LSZH

Physical Dimensions	
Inner Conductor	1.12 ± 0.02 mm
Dielectric	3.00 ± 0.10 mm
Shields	3.50 ± 0.15 mm
Jacket	4.95 ± 0.15 mm

Performance

Frequency (MHz)	Attenuation (dB / 100 m)	Frequency (MHz)	Attenuation (dB / 100 m)
30	5.8	1500	42.4
50	7.5	1800	46.6
100	10.7	1900	48.0
150	13.1	2000	49.3
220	15.9	2200	51.8
450	22.8	2500	55.4
900	32.6	2800	58.8
1200	37.8	3000	60.2

Standard Conditions:

VSWR 1.0, cable temperature 20°C, environment temperature 40°C, inner conductor temperature 100°C
Capacity per drum: 500m; drum packing: Φ390*Φ150*190mm



Product specifications are subject to change without prior notice.
For more information, visit www.lamatel.ca or send an email to sales@lamatel.com.