

LT-HF400-300LSZH

LMR-400, 50 Ohm Braided Coaxial Cable



Specifications

Electrical Specifications	
Capacitance	77 pF/m
Impedance	50 ± 2 Ω
Velocity	85.0%
Insulation Resistance	>5000 mΩ · km
Cut-off Frequency	16.2 kV
Withstanding Voltage (AC)	2.5 kV
Sparkover Voltage	8.0 kW
Peak Power Rating	18.89 kW
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-clad Aluminum
Dielectric	Physical Foam Polyethylene
Outer Conductor	Bonded Aluminum/ Polyester/ Aluminum Tape + TC Wire Braiding
Dielectric	Physical Foam Polyethylene
Outer Conductor Coverage	80%
Jacket	LSZH

Physical Dimensions	
Inner Conductor	2.74 ± 0.02 mm
Dielectric	7.24 ± 0.10 mm
Shields	8.00 ± 0.20 mm
Jacket	10.1 ± 0.30 mm

Performance

Frequency (MHz)	Attenuation (dB / 100 m)	Frequency (MHz)	Attenuation (dB / 100 m)
100	4.1	1800	18.6
150	5.0	1900	19.2
220	6.1	2000	19.6
450	8.9	2200	20.9
900	12.8	2500	22.2
1200	15.0	2800	23.9
1500	16.80	3000	24.8

Environmental and Mechanical Property	
Operating Temperature Range	-40 C~+85 C
Minimum Single Bending Radius	25 mm
Minimum Bending Temperature	-15 C

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.