

# LT-RG214-150LSZH

RG214, 50 Ohm Braided Coaxial Cable



## Specifications

Electrical Specifications	
Capacitance	100 pF/m
Impedance	50 ± 2 Ω
Velocity	66.0%
Insulation Resistance	>5000 mΩ • km
Voltage	4.5 kV
Jacket Spark	3.0 kV
Shielding Effectiveness	>70 dB

Environmental & Mechanical Specifications	
Operating Temperature Range	-25°C ~ +70°C
Minimum Bending Radius	55 mm

Construction Materials	
Inner Conductor	Stranded Silver-Plated Copper Wire
Dielectric	Solid Polyethylene
Outer Conductor	Double Silver-Plated Copper Braid Shield (93%+95%)
Jacker	LSZH

Physical Dimensions	
Inner Conductor	7* 0.75 mm
Dielectric	7.24 mm
Shields	8.55 mm
Jacket	10.8 mm

## Performance

Frequency (MHz)	Attenuation (dB / 100 m)	Frequency (MHz)	Attenuation (dB / 100 m)
300	12.88	3000	59.00
900	24.61	4200	73.30
1200	30.14	5100	84.80
1800	37.98	6000	96.60
2200	43.26		

### 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

Maximum attenuation value shall be 105% off the nominal attenuation value.



Product specifications are subject to change without prior notice.  
For more information, visit [www.lamatel.ca](http://www.lamatel.ca) or send an email to [sales@lamatel.com](mailto:sales@lamatel.com).