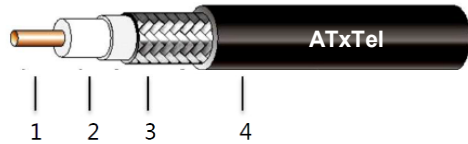


Model: LMR300

Low Loss Coaxial Cable



Construction	Materials	Outer Diameter (mm)
1. Inner Conductor	Copper Wire	1.78
2. Dielectric	Foam Polyethylene	4.83
3. Outer Conductor	Aluminum + Tinned Copper	5.66
4. Jacket	Black Polyethylene	7.62

Electrical Specifications	
Cable Impedance	50 Ω
Capacitance	80 pF/m
Shielding Effectiveness	>90dB
Velocity	83%
Jacket Spark Test Voltage	5000 Vrms
Peak Power	10.0 kW
Operating Frequency	30-6000 MHz

Mechanical & Environmental Specifications	
Bend Radius	22.2 mm
Temperature Range	-40 ~ +85 °C
RoHS Compliance	Compliant
Tensile Strength	55 kg

Attenuation (Typical Value @ 25°C & Sea Level)	
Frequency (MHz)	Attenuation (dB/m)
50	0.05
450	0.13
900	0.19
1800	0.28
3000	0.37
5000	0.51
6000	0.56