



LMR-300(KMR-300) is a flexible low loss, braided coaxial cable offers similar performance compared to corrugated coaxial cable, but with higher flexibility and simplified connectorization.

It can be used in almost any application where handling characteristics, improved shielding and low loss is required. It is ideal for:

Jumper assemblies in wireless communication systems.

Item No.	Series No.
LMR-300(KMR-300)	S111

Mechanical Construction

Property	Material	Diameter(mm)
Inner conductor	Solid bare copper	φ 1.78
Dielectric	Foam PE	φ 4.83
Outer conductor	Aluminum tape	/
Overall braid	Tinned copper	φ 5.72
Jacket	See aboved table	φ 7.62

Electrical Properties

Property	Value
Minimum bending radius	38 mm
Operating temperature	-40 ~ +80°C
RoHs	Compliant

Electrical Properties

Property	Value
Impedance	50 Ω
Rated capacitance	79.1 pf/m
Velocity	85.00%
Peak Power	10 KW
Shielding Effectiveness	90 dB
DC Resistance, Inner Conductor	7.28 ohms/km
DC Resistance, Outer Conductor	7.62 ohms/km
DC Voltage withstand	2000 V
Jacket Spark	5000 Vrms

Attenuation

Frequency(MHz)	Attenuation(20°C, dB/100m)	Average Power (KW)
30	3.50	1.78
50	4.50	1.38
150	7.90	0.79
220	9.60	0.65
450	13.80	0.45
900	19.90	0.31
1500	26.00	0.24
1800	28.70	0.22
2000	30.30	0.21
2500	34.20	0.18
5800	54.30	0.11