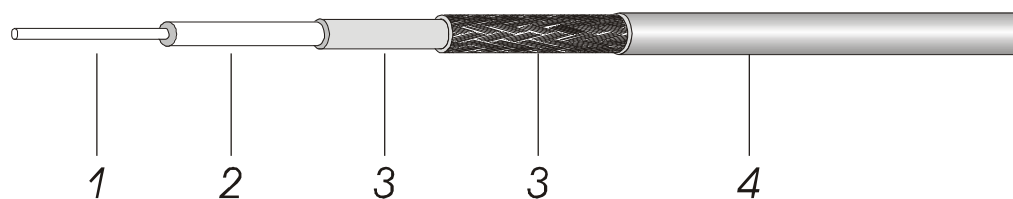


KSR-400 (LMR400)



1 Product Structure

	Designation	Material	Diameter (mm)
1	Inner Conductor	Copper Clad Aluminum	2.74±0.025
2	Dielectric	Foam PE	7.24±0.13
3	Outer Conductor	Aluminum Foil	Nom.8.13
		Tinned Copper braid	
4	Jacket	Black PE	10.16±0.2

2 Electrical Specifications

Impedance	50 Ohm
Capacitance (pFm)	78
Velocity of Propagation	85%
Shielding Effectiveness (dB)	>90
Voltage Withstand (V,DC)	2500
Jacket Spark(VAC)	5000
Cut off Frequency(GHz)	16.2
Peak Power(kW)	16
Return Loss ≤ dB (0.03~3000MHz)	-18

3 Attenuation and Average Power

Frequency (MHz)	Attenuation (dB/100ft)	Average Power (KW)
150	1.5	1.28
220	1.9	1.05
450	2.7	0.72
700	3.4	0.59
750	3.55	0.56
800	3.67	0.54
900	3.9	0.50
1500	5.1	0.38
1800	5.7	0.34
2000	6.0	0.33
2500	6.8	0.29
5800	10.8	0.18

4 Mechanical Specifications

Bend Radius: Installation mm	25.4
Bend Radius: Repeated mm	101.6
Bending Movement N-m	0.68
Tensile Strength kg	72.6
Flat Plate Crush kg/mm	0.71

5 Environment Specifications

Operating Temperature	-40°C ~ +85°C
Installation Temperature	-40°C ~ +85°C
Storage Temperature	-40°C ~ +85°C
RoHS	Compliant