

Hangzhou Sanyuan Cable Co.,Ltd

LMR600

Construction

	Material	Diameter(mm)
Inner conductor	Copper Clad Aluminium	4.47
Dielectric	Foam PE	11.56
First Shield	Bonded Aluminum Foil	11.71
Second Shield	Tinned Copper Wire Braid	12.45
Jacket	PVC or PE	14.99

Electrical Characteristics

Impedance(Ω)	50 \pm 3
Capacitance(pF/m)	76.6
Velocity of Propagation(%)	87
Inner Conductor DCR(Ω /km)	1.7
Outer Conductor DCR(Ω /km)	3.9
Return Loss	\geq 20
Voltage Withstand(Volts DC)	4000
Spark test(VRMS)	8000
Screening Effectiveness	\geq 90
Operating temp.($^{\circ}$ C)	Subzero 40 to +85

Attenuation (@20 $^{\circ}$ C)

Frequency(MHz)	Max Attenuation(dB/100m)
30	1.4
50	1.8
150	3.2
220	3.9
450	5.6
900	8.2
1500	10.9
1800	12.1
2000	12.8
2500	14.5
5800	23.8