

# Hangzhou Sanyuan Cable Co.,Ltd

## LMR200

### Construction

	Material	Diameter(mm)
<b>Inner conductor</b>	Bare Copper	1.12
<b>Dielectric</b>	Foam PE	2.95
<b>First Shield</b>	Bonded Aluminum Foil	3.07
<b>Second Shield</b>	Tinned Copper Wire Braid	3.66
<b>Jacket</b>	PVC or PE	4.95

### Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	80.3
Velocity of Propagation(%)	83
Inner Conductor DCR( $\Omega$ /km)	17.6
Outer Conductor DCR( $\Omega$ /km)	16.1
Return Loss	$\geq$ 20
Voltage Withstand(Volts DC)	1000
Spark test(VRMS)	3000
Screening Effectiveness	$\geq$ 90
Operating temp.( $^{\circ}$ C)	Subzero 40 to +85

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

Frequency(MHz)	Max Attenuation(dB/100m)
30	5.8
50	7.5
150	13.1
220	15.9
450	22.8
900	32.6
1500	42.4
1800	46.6
2000	49.3
2500	55.4
5800	86.5