

# Hangzhou Sanyuan Cable Co.,Ltd

## LMR195

### Construction

	Material	Diameter(mm)
<b>Inner conductor</b>	Bare Copper	0.94
<b>Dielectric</b>	Foam PE	2.79
<b>First Shield</b>	Bonded Aluminum Foil	2.95
<b>Second Shield</b>	Tinned Copper Wire Braid	3.53
<b>Jacket</b>	PVC or PE	4.95

### Electrical Characteristics

Impedance( $\Omega$ )	50 $\pm$ 3
Capacitance(pF/m)	83.3
Velocity of Propagation(%)	80
Inner Conductor DCR( $\Omega$ /km)	24.9
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	6.5
50	8.4
150	14.6
220	17.7
450	25.5
900	36.5
1500	47.7
1800	52.5
2000	55.4
2500	62.4
5800	98.1