

Hangzhou Sanyuan Cable Co.,Ltd

RG677BV

Construction

	Material	Diameter(mm)
Inner conductor	CCS-Copper Clad Steel	1.02
Dielectric	Foam PE	4.6
First Shield	Bonded Aluminum Foil	4.75
Second Shield	Aluminum Wire Braid (77%)	16x6x0.16
Jacket	PVC	6.86

Electrical Characteristics

Impedance(Ω)	75 \pm 3
Capacitance(pF/m)	52 \pm 2
Velocity of Propagation(%)	85
Return Loss	
5-1000 MHz(dB)	\geq 22
1000-2000 MHz(dB)	\geq 20
Screening Effectiveness	
5-1000 MHz(dB)	\geq 75

Attenuation (@20°C)

Frequency(MHz)	Max Attenuation(dB/100m)
5	1.9
55	5.2
187	9.3
211	10
400	13.5
500	15
750	18.5
860	20
1000	21.5
1500	26.8
1800	28.9
2200	32.2
3000	37.6