

# Hangzhou Sanyuan Cable Co.,Ltd

## RG6-60%-Quad-Shield

### 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 (60%)	16x5x0.12
Third Shield	Aluminum Foil	/
Fourth Shield	Aluminum Wire Braid (40%)	16x3x0.12
Jacket	PVC	7.53

### Electrical Characteristics

Impedance( $\Omega$ )	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)	$\geq$ 100

### 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