

Coaxial Cable-CATV/MATV

RG6-60%-Messenger

Construction

	Material	Diameter (mm)
Inner Conductor	CCS-Copper Clad Steel	1.02
Dielectric	Foam PE	4.60
First Shield	Bonded Aluminum Foil	4.75
Second Shield	Aluminum wire Braid (60%)	16/5/0.12
Jacket	PVC Black	6.86
Messenger	Galvanized steel	1.20

Electrical Characteristics

Impedance (Ω)	75 \pm 3
Capacitance (pF/m)	52 \pm 2
Velocity of Propagation (%)	85.0
Return Loss	
5-1000 MHz (dB)	22
1000-2000 MHz (dB)	20
Screening Effectiveness	
5-1000 MHz (dB)	\geq 70

Attenuation (@20 °C)

Frequency(MHz)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
55	1.6	5.2
187	2.8	9.3
211	3.0	10.0
400	4.1	13.5
500	4.6	15.0
750	5.6	18.5
860	6.1	20.0
1000	6.6	21.5
1500	8.2	26.8
1800	8.8	28.9
2200	9.8	32.2
