



Coaxial cable RG11 Messenger

Construction

	Material	Diameter(mm)
Inner Conductor	CCS /BC	1.63
Dielectric	Foam PE	7.11
First Shield	AL Foil	
Second Shield	AL/BC Braid	60%-90%
Third Shield	AL Foil	
Jacket	PVC	10.16
Messenger	Galvanized Steel	1.83

Electrical Characteristics

Impedance ()	75 ± 3
Capacitance (pF/m)	52 ± 2
Velocity of Propagation (%)	85.0
Return Loss	
5-1000MHz(dB)	≥ 22
1000-3000MHz(dB)	≥ 20

Attenuation(@20℃)

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.4	1.3
55	1.0	3.2
187	1.7	5.7
211	1.9	6.2
400	2.6	8.5
500	2.9	9.5
750	3.6	11.9
860	4.0	13.1
1000	4.3	14.3
1500	5.1	16.8
1800	5.7	18.6
2200	6.3	20.7
3000	7.6	24.9

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