

**RG6 Messenger****Construction**

	Material	Diameter(mm)
Inner Conductor	CCS /BC	1.02
Dielectric	Foam PE	4.57
First Shield	AL Foil	
Second Shield	AL/BC/TC Braid	40%-95%
Jacket	PVC	6.93
Messenger	Galvanized steel	1.30

**Electrical Characteristics**

Impedance ( $\Omega$ )		$75 \pm 3$
Capacitance (pF/m)		$52 \pm 2$
Velocity of Propagation (%)		85.0
Return Loss		
5-1000MHz(dB)		$\geq 22$
1000-3000MHz(dB)		$\geq 20$

**Attenuation(@20°C)**

Frequency (MHZ)	Max Attenuation (dB/100ft)	Max Attenuation (dB/100m)
5	0.6	1.9
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
3000	11.5	37.6

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