

## Coaxial Cable-CATV/MATV

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### **RG6-60%BV**

#### Construction

	<b>Material</b>	<b>Diameter (mm)</b>
Inner Conductor	CCS-Copper Clad Steel	<b>1.02</b>
Dielectric	Foam PE	<b>4.60</b>
First Shield	Bonded Aluminum Foil	4.75
Second Shield	Aluminum wire Braid (60%)	<b>16/5/0.12mm</b>
Jacket	PVC Black/white	<b>6.81</b>

#### Electrical Characteristics

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

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