

**RoHS
Compliant**



Construction

Item	Material	Diameter
Inner Conductor	Copper Clad Steel (CCS)	1.02+/-0.01
Dielectric	Foam PE	4.60+/-0.1
First Shield	Aluminum Foil	4.75+/-0.1
Second Shield	Aluminum wire Braid	64X0.12mm
Jacket	PVC -White	6.80+/-0.15

Electrical Characteristics

Impedance (Ω)	75 \pm 3
Capacitance (pF/m)	52 \pm 2
Velocity of Propagation (%)	85
Return Loss (dB)	
5-1000 MHz	\geq 22
1000-2000 MHz	\geq 20
Screening Effectiveness (dB)	
5-1000 MHz	\geq 75

Attenuation (@20°C)

Frequency(MHz)	Max Attenuation(dB/100m)
55	5.5
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	33.2

Part Number Table

Description	Part Number
Coaxial Cable, PVC White, RG6, 100m	MP011886

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