

# Coaxial Cable RG6

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**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	Aluminium Foil	4.75+/-0.1
Second Shield	Aluminium wire Braid	64X0.12mm
Jacket	PVC -White	6.80+/-0.15

## Electrical Characteristics

Impedance ( $\Omega$ )	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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