



## RG 6 CABLE DS

CONSTRUCTION		
Item	Material	Diameter (mm)
Inner Conductor	Copper Clad Steel	0.74 mm
Dielectric	PE	0.185 in (4.7 mm)
First Shield	Silver Plated Copper Braid	
Second Shield	Copper Braid	0.248 in (8.43 mm)
Jacket	PVC	0.332 in (8.43 mm)

ELECTRICAL SPECIFICATION	
Frequency Range	DC 1000 MHz
Impedance	75 $\Omega$
Velocity of Propagation	66 %
Shielding Effectiveness	90 dB
Operating Voltage (DC)	2700 Vdc
Weight	0.13 kg / m
Nominal Capacitance	20.6 pF/ft / 66.59 pF/m
Operating Temperature	-40 to +80 ( $^{\circ}$ C)
ATTENUATION AT 20 $^{\circ}$ C (dB/100m)	
Frequency (MHz)	dB / 100 ft      dB / 100 m
10	0.8                      2.62
100	2.9                        9.51
1000	11                         36.09