

RG58



Construction Specification		
Item	Material	Dimensions
Inner Conductor	Stranded Tinned Copper	19/0.18±0.009mm
Insulation	Solid PE	2,95±0.1mm
Braid	Copper Clad Aluminium Wire Braid	16/8/0.100mm
Outer Jacket	PVC	5±0.15mm
Jacket Colour	Black	
Electrical Characteristics		
Conductor DC Resistance	39,2 (Ohm/km)	
Rated Temperature	80°C	
Rated Voltage	300V	
Insulation Resistance	>500(Mohm/kr	
Nominal Capacitance	<103pF/M (±10%)	
Velocity Ratio	66,70%	
Nom. Impedance	50 Ohms	
Attenuation (Typical value)		
Frequency (MHz)	Attenuation (dB/100m)	
100MHz	14,8	
400MHz	34	
900MHz	55	
1500MHz	76	
1800MHz	96	
2000MHz	100	
2500MHz	111	
3000MHz	139	
4000MHz	155	
5000MHz	174	
6000MHz	216	