



## Technical Data Sheet RG59



Rated voltage	Rated temperature	Impedance (1-100MHz)	Capacitance	Conductor resistance (at 20°C DC resistance)	Min. insulation resistance (at 20°C DC resistance)
300V	80°C	75±5Ω	67±5 (pF/m)	<37.28Ω/100m	>200 MΩ*M

<u>Test standard:</u>	UL1581, UL444
<u>Conductor:</u>	Solid copper clad steel. OD 0.58mm (+/- 0.010)
<u>Dielectric:</u>	Transparent SPE (Solid polyethylene) OD 3.70mm (+/-0.18)
<u>Braiding:</u>	Copper clad aluminium. Nominal OD 0.12mm (+/-0.008)x112
<u>Jacket:</u>	External OD 6.15mm (+/-0.25) PVC and LSF Black.

Frequency (MHz)	Attenuation (dB)+/-15%
100.00	11.8
200.00	16.9
400.00	24.5
800.00	36.3
1000.00	40.9