



Doncaster Cables

RG59B/U COAXIAL CABLE



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RG 59 has inner conductor of copper clad steel, dielectric of solid polyethylene, outer shielding of plain copper wire braid and black PVC-sheath. RG 59 is mainly used for transmission of video signals in analogue CCTV systems.

Conductor :	Copper Clad Steel
Insulation:	Solid Polyethylene (PE)
Braiding:	Bare Copper Wire
Sheathing:	Polyvinyl Chloride (PVC)

Reference Number	Nominal Diameter of Conductor (mm)	Nominal Diameter of Insulation (mm)	Nominal Overall Diameter of Sheath (mm)	Resistance at 20°C Max. d.c. Conductor Resistance at 20°C	Minimum Insulation Resistance at 20°C	Capacitance	Characteristic Impedance at 20°C, 200MHz	Approximate Weight (kg/km)
RG59B/U	0.58	3.7	6.1	26.1 Ω/100m	200 MΩ.m	67±5 pF/m	75 ± 5Ω	60

	5 MHz	10 MHz	50 MHz	100 MHz	200 MHz	300 MHz	470 MHz	600 MHz	1000 MHz
Attenuation at 20°C (dB+100m)	2.6	3	8.5	10.9	16.1	19.7	25	29.5	39.1

MINIMUM OPERATING TEMPERATURE 0°C	MAXIMUM OPERATING TEMPERATURE 70°C	MINIMUM BENDING RADIUS 10 × Ø
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