

RG59

COAXIAL CABLE

Technical Specifications

Cable Construction

Conductor:	0.58mm ± 0.15mm
Conductor Material:	Copper Clad Steel
Insulation Diameter:	3.75mm (±0.15mm)
Insulation Thickness:	1.56mm ± 0.10mm
Insulation Material:	Solid Polyethelyne
Shield:	16 x 7/0.12 ± 0.05mm
Shield Material:	Copper Clad Aluminium Braid
Braid Coverage:	90 ± 2%
Overall Diameter:	6.10mm (±0.20mm)

Electrical Characteristics

Capacitance (pF/m):	67
Velocity Ratio:	66%
Impedance:	75 ± 2 Ω
Temperature Rating:	-30°C - +70°C

Attenuation at 20°C (dB/100m)

5 MHz	2.75 (100m)
50 MHz	8.70 (100m)
100 MHz	12.54 (100m)
200 MHz	18.03 (100m)
400 MHz	26.34 (100m)
600 MHz	32.46 (100m)
800 MHz	38.01 (100m)
1000 MHz	41.50 (100m)



14 Winterbeck Industrial Estate, Orston Lane,
Bottesford, Nottinghamshire, NG13 0AU

Tel: 01949 860400 Fax: 01949 860773
Email: Sales@barencoco.uk www.barencoco.uk