



DESCRIPTION :

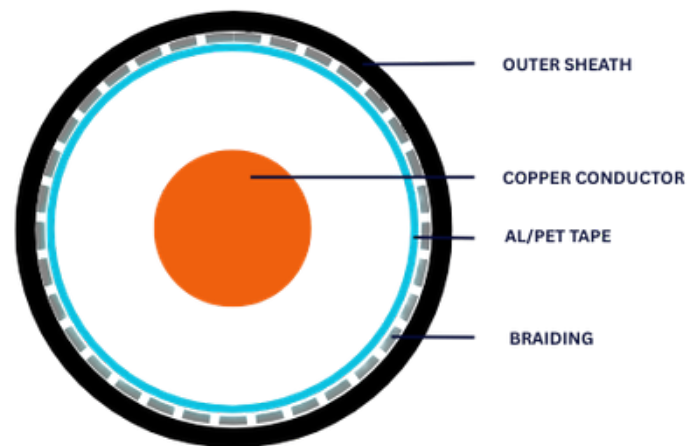
RG 59 Coaxial Cable with Copper-Clad Steel (CCS) Solid Conductor, PE Insulation, Aluminum Foil and Braided Shield, and PVC Jacket for reliable signal transmission.

APPLICATION :

Suitable for CATV, SMATV, CCTV, Satellite TV, and Broadband Signal Transmission.

CONSTRUCTION :

Part Number For PVC	BCS1025
Part Number For PVC CM	BCS1525
Part Number For PVC CMR	BCS1625
Conductor Material	Solid Copper Covered Steel (CCS)
Insulation	Foamed Polyethylene
Braid	Aluminium Wire
Sheath Material	Polyvinyl Chloride (PVC)
Sheath Color	Black
Standard Put Up Length	305, 500 meters



PHYSICAL & MECHANICAL CHARACTERISTICS

Operating Temperature (°C)	-25°C to +75°C
Nominal Cable Weight (kg/km)	35
Nominal Diameter Dietetic	3.74
Nominal Diameter Cond (mm)	0.84
Braid Coverage (%)	56
Nominal Overall Diameter (mm)	6.4
Min. Bend Radius (install) (mm)	64
Max. Pull Tension (N)	350

TECHNICAL DATA & STANDARD REFERENCES

(BS) EN 50290-2
IEC 60228, IEC 60332-1-2 & IEC 60332-1-3
UL 1581
RoHS Directives

ELECTRICAL CHARACTERISTICS

Max. DC Resistance Core (Ω /km)	147
Max. DC Resistance Screen (Ω /km)	53
Nominal Capacitance (pF/m)	50
Nominal Inductance (μ H/m)	0.36
Velocity of Propagation (%)	80
Min Return loss 1-1000 MHz (dB)	19
Min Return loss 1000-2000 MHz (dB)	17
Min Return loss 1000-3000MHz (dB)	14

NOMINAL ATTENUATION IN dB/100m

MHz	5, 10, 50, 100, 200, 400, 500, 800, 870, 1250, 1750, 2150, 2500, 3000
	2.94, 3.46, 5.42, 8.19, 12.55, 16.0, 19.35, 23.90, 24.76, 30.64, 36.72, 40.80, 44.70, 48.65

BELFAST ACCREDITED BY:

