

75 Ohm Coaxial Cable, RG59 CCS, 95% BCB, SWB Armour

Application

RG59 75 Ohm coaxial is used to carry baseband video in closed-circuit television. Expect to get a distance of about 225m - 305m. Steel wire braid provides outdoor protection against harsh handling.

Fire Rating

- IEC 60332-1, IEC 61034-2, IEC 60754-1/2, IEC 60332-3C(SWB)

Construction

Material	Detail	mm
Inner Conductor	Copper Clad Steel (CCS)	0.81
Dielectric	Foam PE	3.66
First Shield	36 AWG Bare Copper Braid (BCB) 95% coverage	N.A
Inner Jacket	PVC / LSZH	6.00
Armour	Steel Wire Braid (SWB)	N.A
Outer Jacket	PVC / LSZH	9.00
Fire Performance	IEC 60332-1	N.A
Bending Radius		10 x O.D.

Electrical Characteristics

Impedance, Ω	75 $\pm$ 3.0 Ohm
Capacitance, Nominal	52 $\pm$ 3 pF/m
Velocity of Propagation, %	> 83%
Return Loss	5 - 1000 MHz $\geq$ 20dB

Ordering Information

P/N	Product Description	P.U
RG9171B	RG59, CCS, 95% Bare Copper Braid, PVC, SWB, 75 Ohm, Armoured	500m/reel
RG9271B	RG59, CCS, 95% Bare Copper Braid, LSZH, SWB, 75 Ohm, Armoured	500m/reel