

75 Ohm Coaxial Cable, RG59, CCS, APA, 60% ALB, APA, 40% ALB

Construction

Material	Detail	mm
Inner Conductor	Copper Clad Steel (CCS)	0.81
Dielectric	Foam PE	3.66
First Shield	Aluminum/Polymer/Aluminum (APA) Bonded	N.A
Second Shield	36 AWG Aluminum Braid (ALB) 60% coverage	N.A
Third shield	Aluminum/Polymer/Aluminum (APA)	N.A
Quad Shied	36 AWG Aluminum Braid 40% coverage	N.A
Jacket	PVC CMR / LSZH	6.60
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 1000 - 3000 MHz $\geq$ 20dB

Ordering Information

P/N	Product Description	P.U
RG9570	RG59, CCS, 60% Aluminum Braid, APA, 40% Aluminum Braid, PVC CMR, 75 Ohm	500m/reel
RG9270	RG59, CCS, 60% Aluminum Braid, APA, 40% Aluminum Braid, LSZH, 75 Ohm	500m/reel

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)