

2. Coaxial Cables

Application

RG6 75 Ohm coaxial is used for cable television, satellite television and cable modems. Can expect distances of about 305m - 457m.

Suitable for CATV applications.

Fire Rating

- IEC 60332-1

75 Ohm Coaxial Cable, RG6, CCS, APA, 90% ALB

Construction

Material	Detail	mm
Inner Conductor	Copper Clad Steel (CCS)	1.02
Dielectric	Foam PE	4.57
First Shield	Aluminum/Polymer/Aluminum (APA) Bonded	4.75
Second Shield	34 AWG Aluminum Braid (ALB) 90% coverage	N.A
Jacket	PVC / PVC CM / LSZH	6.93
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
RG6174	RG6, CCS. 90% Aluminum Braid, PVC, 75 Ohm	500m/reel
RG6774	RG6, CCS. 90% Aluminum Braid, PVC CM, 75 Ohm	500m/reel
RG6274	RG6, CCS. 90% Aluminum Braid, LSZH, 75 Ohm	500m/reel