

75 Ohm Coaxial Cable, RG6 BC, APA, 95% TCB



Construction

Material	Detail	mm
Inner Conductor	Bare Copper (BC)	1.02
Dielectric	Foam PE	4.57
First Shield	Aluminium Polymer Aluminium (APA) Bonded	4.75
Second Shield	36 AWG Tin Copper Braid (TCB) 95% coverage	N.A
Outer Jacket	PVC / PVC CM / PVC CMR / LSZH / LSFRZH	6.93
Fire Performance	IEC 60332-1 or IEC 60332-24 (LSFRZH)	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
RG6178	RG6, BC. 95% Tin Copper Braid, PVC, 75 Ohm	500m/reel
RG6778	RG6, BC. 95% Tin Copper Braid, PVC CM, 75 Ohm	500m/reel
RG6578	RG6, BC. 95% Tin Copper Braid, PVC CMR, 75 Ohm	500m/reel
RG6278	RG6, BC. 95% Tin Copper Braid, LSZH, 75 Ohm	500m/reel
RG6478	RG6, BC. 95% Tin Copper Braid, LSFRZH, 75 Ohm	500m/reel

Application

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

Suitable for high EMI environments.

Fire Rating

- IEC 60332-1