

75 Ohm Low Loss Video Coax Cables Broadcast 2 & 3

Event[®] install

Event[®] studio

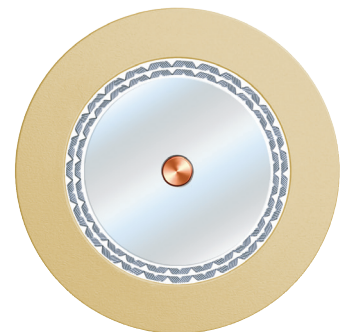


Application

EventSeries[®] Analogue Video Coaxials are manufactured in accordance with BBC style PSF 1/3 and 1/2.

Cable Design

ConductorSolid bare copper wire
 Insulation/DielectricSolid Polyethylene (PE)
 Shield 1 °Tinned copper braid
 Shield 2 °Tinned copper braid
 Outer Jacket.....Polyvinylchloride (PVC)
 Colour.....Cream



Specification

Cross Section	Part Number	Conductor Size [mm]	Overall Diameter [mm]
	VID 1/2	1/0,8	7,50
	VID 1/3	1/0,605	6,40

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Electrical Data

		VID 1/2	VID 1/3
Impedance		75 Ω	75 Ω
Capacitance		69 pF/m	68.5 pF/m
Velocity ratio (1-10 MHz)		0.65	0.65
Velocity ratio (200 MHz)		0.66	0.66
Max. Voltage		7kV pulse, 3.5kV RF	5kV pulse, 3.5kV RF
Shield 1)		24/5/0.15 mm	16/7/0.15 mm
Shield 2)		24/6/0.15 mm	16/7/0.15 mm
Attenuation	1 MHz	0.8 dB/100m	1.0 dB/100m
Attenuation	10 MHz	2.6 dB/100m	3.3 dB/100m
Attenuation	135 MHz	10.1 dB/100m	12.4 dB/100m
Attenuation	180 MHz	11.8 dB/100m	14.5 dB/100m
Attenuation	270 MHz	14.7 dB/100m	18.0 dB/100m
Attenuation	360 MHz	17.1 dB/100m	21.0 dB/100m
Attenuation	570 MHz	22.1 dB/100m	27.1 dB/100m
Attenuation	780 MHz	26.5 dB/100m	32.3 dB/100m
Attenuation	1000 MHz	30.9 dB/100m	37.5 dB/100m