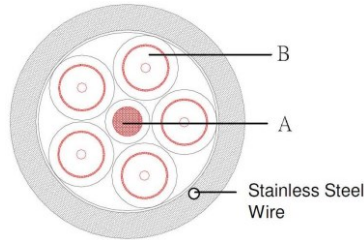




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C100X5

75 Ohm Multicore Digital / Satellite Coaxial with 4.0mm² Earth



Physical Characteristics

	5x Satellite Coax	4.0mm ² Earth Wire (A)
Conductor:	Bare Copper	Bare Copper
Size:	1/1.00mm	56/0.30mm
Dielectric:	Gas Injected PE [Ø4.65mm]	Yellow/Green LSZH [Ø4.65mm]
Screening:	1. Copper Coloured Alu Foil 2. 47% CCA Braid	
Outer Sheath:	LSZH [Ø6.55mm]	
Sheath Colours	<ul style="list-style-type: none"> White White w/ Black Stripe White w/Yellow Stripe White w/Green Stripe White w/ Red Stripe 	
Wrap:	Mylar Spiral	
Rip Cord:	0.4mm Stainless Steel	
Outer Sheath:	Black LSZH [Ø19.60mm]	
Weight	400kg/KM	
EN50575 CPR Class:	F _{ca}	

Electrical Characteristics

Conductor DC Resistance	23.7 [Ω/km]
Outer Conductor Resistance	43.4 [Ω/km]
Rated Temperature	80°C
Rated Voltage	300V
Insulation Resistance	>500 [MΩ/km]
Nominal Capacitance	<52.5pF/M [±10%]
Velocity Ratio	80%
Nominal Impedance	75Ω

Attenuation / Return Loss

Attenuation @20°C (dB/100M)		Return Loss dB (±10%)	
5MHz	1.6	5MHz – 30MHz	>23
50MHz	4.6	30MHz – 470MHz	>23
100MHz	6.5	470MHz – 862MHz	>20
200MHz	9.5	862MHz – 2150MHz	>18
460MHz	15.0		
860MHz	19.5		
1000MHz	21.5		
1750MHz	29.0		
2150MHz	32.5		

Our full product range includes:

COAXIALS: RG / URM Digital / Satellite (incl Sky+) [CAI Approved] CCTV RF / Microwave
 TELECOM: CW1308LSF CW1308LSZH CW1308B CW1128 CW1128/1198 CW1128/1252 Dropwire Jumper Wire CW1311 3002 Coax Flat Cordage
 STRUCTURED WIRING: CAT5e UTP & FTP CAT6 UTP & FTP CAT6A U-UTP & U-FTP CAT7A S-FTP [PVC LSZH External UV PE SWA Versions]
 DATA: Single Pair Shielded/Unshielded Overall Shielded Core Overall Shielded Pairs Foil & Braid Shield Individual Shielded Pairs Twinax [Belden Equivalents]
 DEF STANDARD: 7/0.2 Unscreened / Screened 16/0.2 Unscreened / Screened
 CCTV / SECURITY: RG/URM Coaxial Video/Door Entry Composites BS4737 Alarm Flex Mains Flex PH30/PH120 Fire Performance Cable
 FIBRE OPTICS: Singlemode/Multimode Loose Tube/Tight Buffer Internal/External LSZH Corrugated Armour/SWA
 SPEAKER FLEX: "QCSound" Pro Grade OFC Cores LSZH Sheaths External Grade
 CONNECTED HOME: QCMCS [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
 CONTROL BUS CABLES: KNX/EIB Bus Cables DataBus® DiviceNet™ PROFIBUS Lutron Grafik Eye® CRESSNET® SIMMTRONIC - EBus / MBus / OBus Echelon LonWorks® Mode Lighting
 MAINS FLEX: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
 SOLAR: TUV Approved PV Cable.

All our products are RoHS2 [2015/863] and REACH Compliant unless stated otherwise

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Statement of Conformance

It is hereby certified that any goods supplied that reference those above, conform to this specification unless otherwise noted

