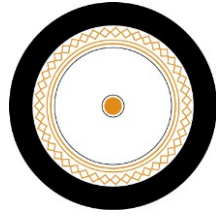




**Qing Cables**



## C100PREM

75 Ohm Satellite Coax to BS EN 50117-1:2002

Conforms to:

- BS EN50117 Part 1 – Coaxial Cables Generic Specification
- BS EN50117 Part 3 – Outdoor drop cables used in digital communication systems

### Physical Characteristics

	SINGLE	TWIN
Conductor:	Bare Copper	Bare Copper
Size:	1/1.00mm	1/1.00mm
Dielectric:	Foam Filled [Gas Injected PE] Ø4.65mm	Foam Filled [Gas Injected PE] Ø4.65mm
Screening:	1. Copper Coloured Alu Foil 2. 47% CCA Wire Braid	1. Copper Coloured Alu Foil 2. 47% CCA Wire Braid
Outer Sheath:	LSF or LSZH or External PE	LSF or LSZH or External PE
Sheath Colours	Black or White Ø6.55mm	Black Ø6.55mm
Weight	40kg/KM	80kg/KM
EN50575 CPR Class:	E <sub>ca</sub> PE Sheath – F <sub>ca</sub> <b>Also LSZH to D<sub>ca, s1, d2, at</sub></b>	E <sub>ca</sub> PE Sheath – F <sub>ca</sub>

### Electrical Characteristics

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

### 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		
1700MHz	29.0		
2150MHz	32.5		

LSZH Sheath meets:  
IEC60332-1 [Flame Propagation]  
IEC60754 [Halogen Free]  
IEC61034 [Smoke Emissions]

### 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

Every care is taken to ensure all information contained in this publication is correct.

No legal responsibility can be accepted for any inaccuracy.

The company reserves the right to alter or modify the information without notice.

Any images are for illustration purposes only.

Registered in England & Wales No. 2181405 Directors: M.L.G.Taylor, L.J.Taylor, K.M.Wylde

### Statement of Conformance

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



Also available:

DFD100 – CAI Certified Class A+ Screened HDTV Coax.



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