Qing Cables
Malmesbury Road,
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Lifetime GUARANTEE

QUALITY CONNECTIVITY

RG6TYPE

75 Ohm RG6 Type Coaxial

Equivalent to CAI RG6 SDU Cable. 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:	Copper Clad Steel (22% conductivity)	Copper Clad Steel (22% conductivity)
Size:	1/1.02mm	1/1.02mm
Dielectric:	Gas Injected PE [Ø4.70mm]	Gas Injected PE [Ø4.70mm]
Screening:	1. Aluminium/PET Tape 2. 36% Aluminium Wire Braid [48x0.12]	1. Aluminium/PET Tape 2. 36% Aluminium Wire Braid [48x0.12]
Outer Sheath:	LSF	LSF
Sheath Colours	Black or White	Black
Overall Diameter	Ø6.65mm	2x Ø6.65mm
CIBSE TM65 Embodied Carbon [kgCO2e / 1000m]	220	440
Weight	30kg/KM	60kg/KM
EN50575 CPR Class:	E_{ca}	E_{ca}

Electrical Characteristics

Conductor DC Resistance	<79 [Ω/km]
Rated Temperature	80°C
Rated Voltage	300V
Insulation Resistance	>500 [MΩ/km]
Nominal Capacitance	<55pF/M [±3]
Velocity Ratio	80%
Nominal Impedance	75Ω

Attenuation / Return Loss

Attenuation @20°C (dB/100M)	
100MHz	7.2
860MHz	18.3
1000MHz	19.8

Return Loss dB (±10%)	
1MHz – 862MHz	>22
862MHz – 220MHz	>20

Quality Connectivity
Quality Connectivity

HDBT™

MEMBER KNX

RoHS

UK CA

CE EN50575:2014 CPR Compliant

nqa. ISO 9001 QUALITY MANAGEMENT

UKAS MANAGEMENT SYSTEMS 0015

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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:	QCMC5 [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

Issue 1