



Qing Cables

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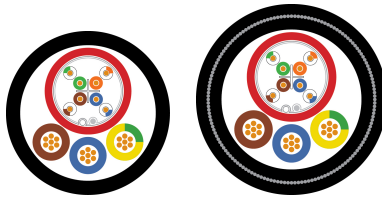
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QCEV Charging Cable

6.0mm Power + CAT6 Data Cable for EV Charging Points

Combined power / screened CAT6 data cable for neat installations. Suitable for internal / external runs due to LSZH LTS4 UV Rated sheath compound. SWA version for mechanical protection.

Physical Characteristics

	Standard	SWA
Power Element – 3 cores NYY-J		
Conductor:	Class 2 Stranded Bare Copper	Class 2 Stranded Bare Copper
Size:	6.0mm ² [7/1.04]	6.0mm ² [7/1.04]
N ^o of Cores:	3 Cores	3 Cores
Insulation:	XLPE Ø4.6mm	XLPE Ø4.6mm
Core Colours	Brown, Blue, Green/Yellow	Brown, Blue, Green/Yellow
Data Element – 4 pair F-UTP CAT6 LSZH Sheathed		
Conductor:	Solid Bare Copper	Solid Bare Copper
Size:	0.57mm [23AWG]	0.57mm [23AWG]
N ^o of Pairs:	4 Pairs	4 Pairs
Insulation:	PVC Ø1.18mm	PVC Ø1.18mm
Core Colours	White/Green, Green White/Orange, Orange White/Blue, Blue White/Brown, Brown	White/Green, Green White/Orange, Orange White/Blue, Blue White/Brown, Brown
Tape:	PET Tape	PET Tape
Screening:	Alu Foil, w/0.5mm TC Drain Wire	Alu Foil, w/0.5mm TC Drain Wire
Sheath:	RED PVC Ø7.8mm	RED PVC Ø7.8mm
Overall Cable		
Inner Sheath:	PVC Cream Ø15.50mm	PVC Cream Ø15.50mm
Mechanical Protection:	n/a	SWA
Outer Sheath	LSZH LTS4 UV Resistant Black Ø19.30mm	LSZH LTS4 UV Resistant Black Ø23.50mm
Bending Radius	6x Outer Diameter	6x Outer Diameter
CIBSE TM65 Embodied Carbon [kgCO ₂ e/1000m]	3223	5840
Qing Part Number:	EV-6-6	EV-6-6-SWA

Electrical Characteristics

Rated Voltage	600/1000V	
maximum Current Rating (A)	58 Single Phase	52 3Phase
Voltage Drop (mV/A/m)	7.9 Single Phase	6.8 3Phase
Conductor DC Resistance	93.8 [Ω/km]	<4.35 [Ω/km]
Rated Temperature	-30°C ~ +80°C	
Test Voltage	5000V	

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 B54737 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