Qing Cables
Malmesbury Road,
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Cheltenham, Glos, GL51 9PL. UK

Lifetime GUARANTEE

QUALITY CONNECTIVITY

QC-OSC 18AWG

18AWG Data Cable Overall Foil Screened Cores
600V Rated

Physical Characteristics

Conductor:	Stranded Tinned Copper Wire
Size:	18AWG
Nº of Cores:	see below
Insulation:	3 core – PVC Ø2.15mm 4 core – SR-PVC Ø1.80mm 6 core – PP Ø1.60mm
Screening:	Overall Alu Foil Screen
Drain Wire:	7/0.3mm [3/4 Core] 7/0.2mm [6 Core]
Outer Sheath:	See below
Sheath Colours	see below

Range

Cores	Part Number	Sheath	Overall Diameter	EN50575 CPR Class:
3 Core LSZH	QC-OSC3-18LSZH [8770 Equivalent] Alternative to 4301FE / 5301FE / 6301FE	Grey LSZH	Ø6.25mm	F_{ca}
4 Core LSZH	QC-OSC4-18LSZH [9418 Equivalent] Alternative to 4302FE / 5302FE / 6302FE [Equiv. to Honeywell NC1841GY]	Grey LSZH	Ø6.20mm	F_{ca}
4 Core External	QC-OSC4-18PE [9418 Equivalent] **UV Resistant to ISO4892-3**	Black PE	Ø6.20mm	F_{ca}
6 Core LSZH	QC-OSC6-18LSZH [4304FE / 5304FE / 6304FE Equivalent] [Equiv. to Honeywell NC1861BL]	Blue LSZH	Ø5.69mm	F_{ca}

Electrical Characteristics

	3 Core	4 Core	6 Core
Conductor DC Resistance [Ω/km]	25.7	19.4	21.5
Rated Temperature [PE 70°C]	80°C	80°C	80°C
Rated Voltage	600V	600V	600V
Insulation Resistance [MΩ/km]	>200	>200	>200
Nominal Capacitance [pF/M]	80	230	168

Colour Code

	3 Core	4 Core	6 Core
Core 1	Black	Black	Black
Core 2	Red	Red	Red
Core 3	White	White	White
Core 4		Green	Green
Core 5			Brown
Core 6			Blue

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

HDBT™ MEMBER KNX RoHS UKCA CE EN50575:2014 CPR Compliant

nqa. ISO 9001 QUALITY MANAGEMENT UKAS MANAGEMENT SYSTEMS 0015

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This specification and images
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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: 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

Quality Connectivity