



Qing Cables

Malmesbury Road,
Kingsditch Industrial Estate,
Cheltenham, Glos, GL51 9PL. UK



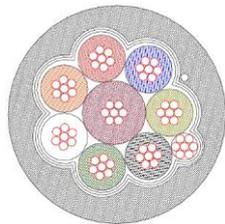
T: 01242 224141

F: 01242 224134

www.qingcables.com

enquire@qingcables.co.uk

This specification and images
© Qing Cables Ltd



Alarm Flex

Professional Grade Pure Copper Conductor Low Voltage Alarm Flex.

BS4737-3.30:2015 Type 2 [<100 Ohm Conductor Resistance]

LSZH Insulation/Sheath = Type 1

Physical Characteristics

Conductor:	Stranded Tinned Copper Wire
Size:	7/0.19
Nº of Cores:	see below
Insulation:	PVC (0.21mm) \varnothing 1.00mm [LSZH on 8 & 12 Core Type 1]
Screening (where present)	Aluminium Foil 7/0.19 Drain Wire
Rip Cord	RED Nylon
Outer Sheath:	see below
Sheath Colours	see below
Weight	see below

Range

Cores	Part Number	Sheath Colour (s)	Overall Diameter	EN50575 CPR Class:
4 Core PVC	SC4	White	\varnothing 3.40mm	E _{ca}
4 Core PVC	SC4B	Brown	\varnothing 3.40mm	E _{ca}
4 Core LSF	SC4LSF	White	\varnothing 3.40mm	E _{ca}
4 Core Screened LSF	SC4SCRLSF	White	\varnothing 3.90mm	E _{ca}
6 Core PVC	SC6	White	\varnothing 4.00mm	E _{ca}
6 Core PVC	SC6B	Brown	\varnothing 4.00mm	E _{ca}
6 Core LSF	SC6LSF	White	\varnothing 4.00mm	E _{ca}
6 Core LSZH Type 1	SC6LSZH/LSZH	White LSZH	\varnothing 4.00mm	E _{ca}
6 Core Screened LSF	SC6SCRLSF	White	\varnothing 4.40mm	E _{ca}
6 Core External UV PE	SC6SCRPE	Black	\varnothing 4.40mm	F _{ca}
6 Core Direct Burial	7-2-6SDB	Black	\varnothing 7.30mm	F _{ca}
8 Core PVC	SC8	White	\varnothing 4.20mm	E _{ca}
8 Core PVC	SC8B	Brown	\varnothing 4.20mm	E _{ca}
8 Core LSF	SC8LSF	White	\varnothing 4.20mm	E _{ca}
8 Core LSZH Type 1	SC8LSZH/LSZH	White LSZH	\varnothing 4.20mm	E _{ca}
8 Core External UV PE	SC8PE	Black	\varnothing 4.20mm	F _{ca}
8 Core Screened LSF	SC8SCRLSF	White	\varnothing 4.60mm	E _{ca}
8 Core Screened LSZH Type 1	SC8SCR/LSZH/LSZH	White LSZH	\varnothing 4.60mm	E _{ca}
8 Core LSZH / SWA / PE	SC8SCRSWA	Black	\varnothing 10.30mm	F _{ca}
12 Core PVC	SC12	White	\varnothing 5.40mm	E _{ca}
12 Core LSF	SC12LSF	White	\varnothing 5.40mm	E _{ca}
12 Core LSZH Type 1	SC12LSZH/LSZH	White LSZH	\varnothing 5.40mm	E _{ca}
12 Core Screened LSF	SC12SCRLSF	White	\varnothing 6.00mm	E _{ca}
12 Core External UV PE	SC12SCRPE	Black	\varnothing 6.00mm	F _{ca}
12 Core Direct Burial	7-2-12SDB	Black	\varnothing 8.00mm	F _{ca}
20 Core PVC	SC20	White	\varnothing 7.30mm	F _{ca}

Electrical Characteristics

Conductor DC Resistance	93.8 [Ω /km]
Operating Voltage	50V RMS
Rated Temperature	80°C
Rated Voltage	600V
Insulation Resistance	>200 [$M\Omega$ /km]
Max Operating Voltage	50v RMS
Current Rating Per Core	1.5AMP

LSF Sheath to IEC60332-1

LSZH Sheath to IEC60332-1, IEC60754, IEC61034

PE UV Resistant Sheath to ISO4892-3

Please note: BS4737-3:30:2015 Type 2 calls for cables to be PVC/PVC, so cables listed here with External or LSZH sheath's are generally to this standard.

Colour Code

Core 1	Red
Core 2	Blue
Core 3	Yellow
Core 4	Black
Core 5	White
Core 6	Green
Core 7	Orange
Core 8	Brown
Core 9	Grey
Core 10	Pink
Core 11	Violet
Core 12	Light Green
Core 13	Blue/White
Core 14	Blue/Red
Core 15	Blue/Orange
Core 16	Blue/Green
Core 17	Blue/Yellow
Core 18	Blue/Grey
Core 19	Green/Yellow
Core 20	Green/White

Our full product range includes:

COAXIALS: RG / URM Digital / Satellite (incl Sky+) [CAI Approved] CCTV RF / Microwave
 TELECOM: CW1308 CW1308LSF CW1308LSZH CW1308B CW1128 CW1128/1198 CW1128/1252 Dropwire Jumper Wire CW1311 2002/2003/3002 Flat Cordage
 STRUCTURED WIRING: "ULTRA350" CAT5e UTP & FTP "ULTRA550" CAT6 UTP & FTP "ULTRA600" CAT6A U-FTP "ULTRA1200" 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: 7-2_C (Braided Screen) 16-2_C (Braided Screen) PVC / LSF Sheath options
 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
 CONNECTED HOME: QCMCS [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
 CONTROL BUS CABLES: KNX / EIB Bus Cables DataBus® DviceNet™ PROFIBUS Lutron Grafik Eye® CRESSNET® SIMMTRONIC Echelon LonWorks® Mode Lighting
 MAINS FLEX: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
 SOLAR: TUV/UL 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.Wyldie

Statement of Conformance

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

