

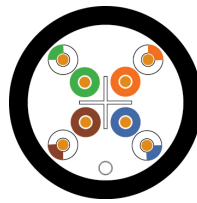
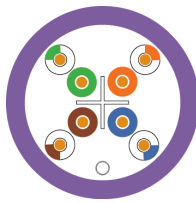
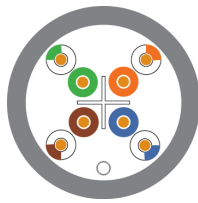


Qing Cables

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UTP CAT6 4 Pair

250MHz 4 Pair 23AWG Solid Conductor CAT6 [ISO/IEC11801, TIA/EIA568C.2]

Data Rate: 1000Base-T. Max Transmission Rate: 1000Mbps

Physical Characteristics

	Internal LSF	Internal LSZH	External PE
Conductor:	Solid Bare Copper Wire		
Size:	23AWG (1/0.57 - ±0.005)		
Nº of Pairs:	4 Pairs		
Insulation:	HDPE Ø 0.98mm (±0.02mm)		
Outer Sheath Material:	LSF	LSZH	Polyethylene
Outer Sheath Dimensions:	Ø6.50mm Nominal Thickness 0.55mm (±0.05)		
Sheath Colours	Grey	Purple	Black or White UV Resistant to ISO4892-3
Weight	58kg/km		
Operating Temperature	-40°C - +75°C		
Installation Temperature	-30°C - +65°C		
EN50575 CPR Class:	E _{ca}	D _{ca, s2,d2,a1}	F _{ca}
CIBSE TM65 Embodied Carbon [kgCO2e/305m]	71	69	60

Electrical Characteristics

Conductor DC Resistance	93.8 [Ω/km]					
Conductor Resistance Unbalance (%) Max	5.0					
Characteristic Impedance	100Ω (±15)					
Velocity Ratio	72%					
Operating Temperature	-40°C - +75°C					
Voltage	600V					
Spark Test	2.5kV					
Frequency (MHz)	RL (dB) min. ≥	Attenuation (dB/100m) max ≤	NEXT (dB) ≥	PSNEXT (dB) ≥	PSELFEXT (dB) ≥	ELFEXT (dB) ≥
1	20.0	2.0	74.3	72.3	64.8	67.8
4	23.0	3.8	65.3	63.3	52.8	55.8
10	25.0	5.3	59.3	57.3	44.8	47.8
20	25.0	8.5	54.8	52.8	38.8	41.8
62.5	21.5	15.4	47.4	45.4	29.1	42.0
100	20.1	19.8	44.3	42.3	25.0	27.8
150	18.9	24.7	41.7	39.7	21.3	24.3
200	18.0	29.0	39.8	37.8	19.0	21.8
250	17.3	32.8	38.3	36.3	17.0	20.4

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



Colour Code

Pair 1	Blue, White/Blue
Pair 2	Orange, White/Orange
Pair 3	Green, White/Green
Pair 4	Brown, White/Brown

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]
7/0.2 Unscreened / Screened 16/0.2 Unscreened / Screened
RG/URM Coaxial Video/Door Entry Composites BS4737 Alarm Flex Mains Flex PH30/PH120 Fire Performance Cable
CCTV / SECURITY: Singlemode/Multimode Loose Tube/Tight Buffer Internal/External LSZH Corrugated Armour/SWA
FIBRE OPTICS: "QCSound" Pro Grade OFC Cores LSZH Sheaths External Grade
SPEAKER FLEX: QCMCS [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
CONNECTED HOME: KNX/EIB Bus Cables DataBus® DiviceNet™ PROFIBUS Lutron Grafik Eye® CRESSNET® SIMMTRONIC - EBus / MBus / OBus Echelon LonWorks® Mode Lighting
CONTROL BUS CABLES: H03VV-F H03VVH2-F H05VV-F H05Z1Z1-F BS6500/BS7919 Arctic Grade H07RN-F
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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No legal responsibility can be accepted for any inaccuracy.

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

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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