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

Lifetime GUARANTEE

QUALITY CONNECTIVITY

QC-OSC Range 24AWG

24AWG RS232 Data Cable Overall Screened Cores

600V Rated

Physical Characteristics

Conductor:	Stranded Tinned Copper Wire
Size:	24AWG (7/0.19)
Nº of Cores:	see below
Insulation:	PVC (0.29mm) Ø1.15mm
Screening:	Overall Alu Foil Screen 24AWG Drain Wire
Outer Sheath:	see below
Sheath Colours:	see below

Range

Cores	Part Number	Belden Equivalent	Sheath Colour	Ø	CIBSE TM65 Embodied Carbon [kgCO2e/1000m]	CPR Class:
4 Core LSZH Sheath	QC-OSC4-24LSZH	9534	Grey	Ø4.70mm	199	E_{ca}
6 Core LSZH Sheath	QC-OSC6-24LSZH	9536	Grey	Ø4.90mm	231	E_{ca}
8 Core LSZH Sheath	QC-OSC8-24LSZH	9538	Grey	Ø5.30mm	294	E_{ca}
8 core External PE	QC-OSC8-24PE	9538	Black	Ø5.30mm	294	F_{ca}
8 Core LSZH / SWA / LSZH	QC-OSC8-24SWA	9538	Black	Ø10.20mm	1253	F_{ca}
10 Core LSF Sheath	QC-OSC10-24LSF **[Paxton Reader Cable]**	9540	Grey	Ø6.20mm	363	E_{ca}
10 Core LSZH Sheath	QC-OSC10-24LSZH **[Paxton Reader Cable]**	9540	Grey	Ø6.20mm	371	E_{ca}
10 Core External PE	QC-OSC10-24PE **[Paxton Reader Cable]**	9540	Black	Ø6.20mm	303	F_{ca}

Electrical Characteristics

Conductor DC Resistance		93.8 [Ω/km]
Rated Temperature		80°C
Rated Voltage		600V
Insulation Resistance		>200 [MΩ/km]
Capacitance	**Core to Core**	108pF/m
	Core to Screen	213pF/m

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

UV Resistant External PE Sheath is weather resistant to ISO4892-3

Colour Code

Core 1	Black
Core 2	White
Core 3	Red
Core 4	Green
Core 5	Brown
Core 6	Blue
Core 7	Orange
Core 8	Yellow
Core 9	Purple
Core 10	Grey

HDBT™

MEMBER KNX

RoHS UKCA

CE EN50575:2014 CPR Compliant

nqa. ISO 9001 QUALITY MANAGEMENT

UKAS MANAGEMENT SYSTEMS 0015

T: 01242 224141
F: 01242 224134
www.qingcables.com
enquire@qingcables.co.uk

This specification and images
© Qing Cables Ltd

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

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.Wylde

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

Issue 1

Quality Connectivity