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

Lifetime GUARANTEE

FireQing – CPR $B2_{ca}$ Rated Cable

24AWG Individual Screened Multicore Data /Alarm Cable 600V Rated

Where high performance to CPR standards is required, this 8 Core 24AWG Data/Alarm cable will meet your needs having achieved CPR EuroClass B2ca [AVCP System 1+.]
Low levels of smoke emission, flaming droplets, and acid gas production mean that this cable meets the requirements of BS6701 Amendment 1 so can be specified in your installation with complete peace of mind.

Physical Characteristics

Conductor:	Stranded Bare Copper Wire
Size:	22AWG [7/0.243]
Nº of Pairs:	8 Cores
Insulation:	LSZH Ø1.20mm
Screening:	Overall Alu Foil Screen [7/0.20mm Tinned Copper Drain Wire]
Outer Sheath:	LSZH
Sheath Colour	Grey
CIBSE TM65 Embodied Carbon [kgCO2e / 1000m]	507

Pairs	Part Number	Overall Diameter
8 Cores	QC-OSC8-24/LSZH/CPR-Cca [Alternative to Belden 9538ELW]	Ø6.80mm

Quality Connectivity

Electrical Characteristics

Conductor DC Resistance	56 [Ω/km]
Rated Temperature	70°C
Rated Voltage	600V
Insulation Resistance	>200 [MΩ/km]
Fire Performance	
UKCA/CPR Class	$B2_{ca}$,s1a,d0,a1
Smoke Density	IEC61034-2
Halogen Free	IEC60754-2
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

EC CERTIFICATE

Schedule for certificate No. 2821-CPR-4791056956

Detailed information sheet

Product Reference	Number of cores	Core Size	Reaction to Fire Class in accordance with EN 13501-6:2018+A1:2022
QC-OSP4-24LSZHICPR-CCA	8	22 AWG	$B2_{ca}$-s1a,d0,a1

Technical documentation:
UL Report(s): 4791056956
Classification Report: 4791056956CR

CE Marking Method:
Directly on cable, label or packaging

Intended uses:
Supply of electricity and for control and communication purposes, which are intended for use in construction works and subject to performance requirements on reaction to fire.

Limitations on the acceptance or use of the product(s):
See Technical Data Sheet and installation instructions

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:	QCMC5 [2x HDTV Coax] + [2x CAT6] + [1x CAT5e]
CONTROL BUS CABLES:	KNX / EIB Bus Cables DataBus® DiviceNet™ 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**

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

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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

Issue 1