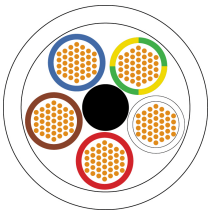
Qing Cables
Malmesbury Road,
Kingsditch Industrial Estate,
Cheltenham, Glos, GL51 9PL. UK

Lifetime GUARANTEE



H05Z1Z1-F

318_B – 300/500V Mains Flexibles

BS-EN60228:5005, IEC60092-353

A05Z1Z1-F Cables suitable for DALI Lighting

Cables comply with EN60332-1-2 Vertical Flame Test

Physical Characteristics

		0.75mm²	1.0mm²	1.50mm²	2.50mm²
Conductor:		Class 5 24/0.20 Bare Copper	Class 5 32/0.2 Bare Copper	Class 5 30/0.25 Bare Copper	Class 5 50/0.25 Bare Copper
Insulation:		LSZH Ø2.20mm	LSZH Ø2.35mm	LSZH Ø2.50mm	LSZH Ø3.45mm
Outer Sheath:	3182B	LSZH Ø6.20mm	LSZH Ø6.50mm	LSZH Ø7.40mm	LSZH Ø9.20mm
	3183B	LSZH Ø6.60mm	LSZH Ø6.90mm	LSZH Ø7.90mm	LSZH Ø10.00mm
	3184B	LSZH Ø7.10mm	LSZH Ø7.60mm	LSZH Ø9.00mm	n/a
	3185B	LSZH Ø8.10mm	LSZH Ø8.60mm	LSZH Ø10.00mm	n/a
	3186B	LSZH Ø8.90mm	LSZH Ø9.60mm	LSZH Ø10.60mm	n/a
	3187B	LSZH Ø9.80mm	LSZH Ø10.10mm	LSZH Ø11.20mm	n/a
Sheath Colours:		Black White	Black White	Black White	Black White
EN50575 CPR Class:		**E_{ca}**	**E_{ca}**	**E_{ca}**	**E_{ca}**

Electrical Characteristics

	0.75mm²	1.0mm²	1.50mm²	2.50mm²
Conductor DC Resistance **BS EN 60228**	<26 [Ω/km]	<19.9 [Ω/km]	<13.3 [Ω/km]	<7.98 [Ω/km]
Current Rating	6 Amps	10 Amps	15 Amps	20 Amps
Rated Temperature	-30°C - +80°C	-30°C - +80°C	-30°C - +80°C	-30°C - +80°C
Rated Voltage	300V/500V	300V/500V	300V/500V	300V/500V
Test Voltage	AC 2kV	AC 2kV	AC 2kV	AC 2kV

Colour Code

	2 Core H05Z1Z1 Colours	3 Core H05Z1Z1 Colours	4 Core H05Z1Z1 Colours	5 Core H05Z1Z1 Colours	5 Core A05Z1Z1 Colours	6 Core A05Z1Z1 Colours	7 Core A05Z1Z1 Colours
Core 1	Blue	Green/Yellow	Green/Yellow	Green/Yellow	Green/Yellow	Green/Yellow	Green/Yellow
Core 2	Brown	Blue	Brown	Brown	Brown	Brown	Brown
Core 3		Brown	Black	Black	Blue	Black	Black
Core 4			Grey	Grey	Red	Blue	Blue
Core 5				Blue	White	Red	Red
Core 6						White	White
Core 7							Grey

Quality Connectivity

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**

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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

Issue 1

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

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