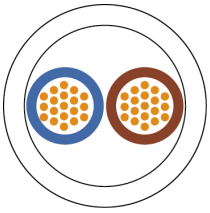
Qing Cables
Malmesbury Road,
Kingsditch Industrial Estate,
Cheltenham, Glos, GL51 9PL. UK

Lifetime GUARANTEE



QUALITY CONNECTIVITY

H05VV-F

318_Y – 300/500V Mains Flexibles

<HAR> Approved - BS6500, VDE028-5

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:		PVC Ø2.20mm	PVC Ø2.35mm	PVC Ø2.50mm	PVC Ø3.45mm
Outer Sheath:	3182Y	PVC Ø6.20mm	PVC Ø6.50mm	n/a	n/a
	3183Y	PVC Ø6.60mm	PVC Ø6.90mm	PVC Ø7.90mm	PVC Ø10.00mm
Sheath Colours:		Black White	Black White	Black White	Black White
Weight:	3182Y	57kg/KM	64kg/KM	85kg/KM	130kg/KM
	3183Y	65kg/KM	75kg/KM	107kg/KM	163kg/KM
EN50575 CPR Class:		E_{ca}	E_{ca}	E_{ca}	E_{ca}
CIBSE TM65 Embodied Carbon [kgCO2e/1000m]	3182Y	255	300		
	3183Y	315	384	537	837

3183Y 0.75mm also available with GOLD sheath

Electrical Characteristics

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	3 Core
Core 1	Blue	Blue
Core 2	Brown	Brown
Core 3		Green/Yellow
Core 4		

Quality Connectivity

HDBT™ MEMBER KNX RoHS UK CA CE EN50575:2014 CPR Compliant

nqa. ISO 9001 QUALITY MANAGEMENT UKAS MANAGEMENT SYSTEMS 0015

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