



# Product Specifications

## CS-HD-01

**Kelsey Contractor Series HD-1** is a heavy-duty Low Smoke Zero Halogen installation cable with a single twisted pair and overall foil screen. **CS-HD-1** has 0.5mm<sup>2</sup> conductors for applications where lower losses are required, or where DC currents may be carried over extended distances. It is particularly recommended for use with intercom installations. This cable is part of Kelsey's CE certified range conforming to the new Construction Products Regulations (commonly known as CPR) for all installation cables which came into effect in July 2017.

### Conductors

Material	Stranded oxygen-free copper, tinned
Size	7 * 0.3mm (0.5mm <sup>2</sup> ) Class 2, AWG 20

### Insulation

Material	PE
Diameter	1.8mm +/-0.05mm
Colour	Brown, White
Twisting	2 cores, twisted

### Screen

Foil Screen	Aluminium foil
Drain Wire	Stranded copper, tinned
Drain Wire Size	16 * 0.2mm (0.5mm <sup>2</sup> ) AWG 20

### Outer Jacket

Material	LSZH Compound
Colours	Black, RAL 9005
Overall Diameter	5.1mm
Weight kg/metre	0.032
Laying	2 insulated cores with drain wire, fillers and overall foil screen
Drum Sizes	500m, 100m, cut lengths
Order Code	CS-HD-1

### Technical Data

Test voltage	1500V at 500Hz, effective for 1 minute
Insulation Resistance Min.	5 GΩ x km
Capacitance (At 800Hz).	75pF/m
Temperature Rating	Fixed Installation: -40°C to +80°C
Inductance	0.65 mH/Km
Operating voltage	Max: 300V AC/DC (Not suitable as a mains cable)
Minimum Bend Radius	Fixed Installation: 6xO.D
Standards	EN 50575:2015-03+A1:2016-11 Fca

