



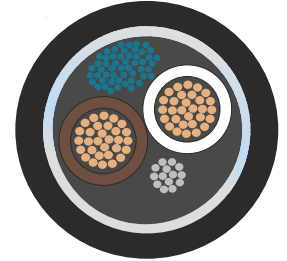
# CS-HD-1

*installation  
analogue  
LSZH*



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.

# HD-1



## Specifications

<b>Conductors</b>	<i>Material</i>	Stranded oxygen-free copper, tinned
	<i>Size</i>	7 * 0.3mm (0.5mm <sup>2</sup> ) Class 2, AWG 20
<b>Insulation</b>	<i>Material</i>	PE
	<i>Diameter</i>	1.8mm +/-0.05mm
	<i>Colour</i>	Brown, White
	<i>Twisting</i>	2 cores, twisted
<b>Screen</b>	<i>Foil Screen</i>	Aluminium foil
	<i>Drain Wire</i>	Stranded copper, tinned
	<i>Size</i>	16 * 0.2mm (0.5mm <sup>2</sup> ) AWG 20
<b>Outer Jacket</b>	<i>Material</i>	LSZH Compound
	<i>Colour</i>	Black, RAL 9005
	<i>Overall Diameter</i>	5.1mm
	<i>Weight kg/metre</i>	0.032
	<i>Laying</i>	2 insulated cores with drain wire, fillers and overall foil screen
	<i>Drum Sizes</i>	500m, 100m, cut lengths
	<i>Order Code</i>	CS-HD-1

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

E & OE, specifications and design subject to change without notice