



# Product Specifications

## CS-UNI-8

**Kelsey's Universal Contractor Series** has been designed to offer the excellent performance of the Universal series with an LSZH jacket for compliance with installation legislation in public areas. Adopting the particular characteristics of the Universal series, each foil- screened twisted pair is individually jacketed and shielded to create a durable multipair cable that can be implemented for both analogue and digital as well as DMX applications.

Despite the LSZH jacket the Universal Contractor Series remains durable and flexible for easy installation and wiring.

**Conductors**

Material	Stranded oxygen-free copper
Size	28 * 0.10mm (0.22mm <sup>2</sup> ) AWG 24

**Insulation**

Material	Special PE
Diameter	3.21mm +/-0.05mm
Colour	Black, Red
Twisting	2 cores to a pair, twisted

**Pair Jacket**

Material	TPE, halogen-free
Colour	Black, RAL 9005
Shorehardness (A)	50 +/-3

**Screen**

Overall Shield	Alu/PVC foil, metal inside
Drain Wire	Tin-plated stranded oxygen-free copper
Drain Wire Size	19 * 0.127mm (0.24mm <sup>2</sup> ) AWG 24

**Outer Jacket**

Material	EPDM (3G), halogen-free
Colour	Black, matt finish, RAL 9005
Overall Diameter	13.4mm +/-0.40mm
Shorehardness (A)	80 +/-3
Weight kg/metre	0.15
Main Laying	Centre: 1 shielded pair, Lay 1: 7 shielded pairs
Drum Sizes	500m, 100m, cut lengths
Order Code	KC.CS-UNI-8

**Technical Data**

Test voltage	C/C: 1kV C/S: 0.5kV at 50Hz, effective for 1 minute
Insulation Resistance Min.	20M Ohm/Km at 20°C
Conductor Resistance Max.	85 Ohm/Km at 20°C
Temperature Rating	Static: -30°C to +70°C Operating: -10°C to +70°C
Capacitance	C/C: 65pF/m @ 1kHz C/S: 130pF/m @ 1kHz
Impedance	90 Ohm
Operating voltage	Max: 50/75V AC/DC RoHS Compliant Dca, EN 50575:2014+A1:2016

**Printing Detail**

CS UNIVERSAL ANALOGUE/DIGITAL 8-PAIR MULTICORE LSZH

