



Product Specifications

CS-UNI-16

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 ²) AWG 24

Insulation

Material	Special PE
Diameter	3.43mm +/-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 ²) AWG 24

Outer Jacket

Material	EPDM (3G), halogen-free
Colour	Black, matt finish, RAL 9005
Overall Diameter	18.5mm +/-0.50mm
Shorehardness (A)	80 +/-3
Weight kg/metre	0.3
Main Laying	Centre: Cotton filler, Lay 1: 5 shielded pairs, Lay 3: 11 shielded pairs
Drum Sizes	500m, 100m, cut lengths
Order Code	KC.CS-UNI-16

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 16-PAIR
MULTICORE LSZH

