



# Product Specifications

## UNI-4-ES

The Universal series from Kelsey adopts the strongest aspects of contemporary cable design and technology to offer a range of installation/touring multipairs that can be implemented for both analogue and digital applications.

Easy-Strip technology enables both jacket and foil screen to be stripped in one action, cutting wiring time significantly. As the jacket is applied under high-pressure, simultaneous back-pressure under the foil creates excellent adhesion, at the same time stopping the foil collapsing onto the conductors. This strong bond also ensures excellent conductivity between the foil screen and drain wire, essential for effective interference screening.

**UNI-4-ES** offers superb performance as both a digital and analogue cable, suitable for a wide range of applications including installation, DMX and signal runs.

The Kelsey Universal series is suitable for digital transmission up to 100m at 96kHz. Longer digital runs can be obtained using a lower bit transfer rate.

### Conductors

Material	Stranded oxygen-free copper
Sizes	18 * 0.10mm (0.14mm <sup>2</sup> ) AWG 26

### Insulation

Material	Foam-skinned PE (O2YS)
Diameter	1.1mm +/-0.05mm
Colour	Blue, White
Twisting	2 cores to a pair, twisted

### Pair Jacket

Material	PVC
Colour	Grey, RAL 7032
Shorehardness (A)	78 +/-3

### Screen

Shield	Alu/PVC foil, metal inside
Drain Wire	Tin-plated stranded oxygen-free copper
Drain Wire Size	7 * 0.16mm (0.14mm <sup>2</sup> ) AWG 26

### Outer Jacket

Material	Soft PVC
Colour	Black, matt finish, RAL 9005
Overall Diameter	10.2mm +/-0.30mm;
Shorehardness (A)	65 +/-3
Weight kg/metre	0.129
Main Laying	Centre: filler, Lay 1: 4 shielded pairs
Drum Sizes	500m, 100m, cut lengths
Order Code	KC.UNI-4-ES

### Technical Data

Test voltage	C/C: 1kV C/S: 0.5kV at 50Hz, effective for 1 minute
Insulation Resistance Min.	100M Ohm/Km at 20°C
Conductor Resistance Max.	138 Ohm/Km at 20°C
Temperature Rating	Static: -30°C to +70°C Operating: -10°C to +70°C
Capacitance	C/C: 40pF/m @ 1kHz C/S: 95pF/m @ 1kHz
Impedance	105 Ohms
Operating voltage	Max: 50/75V AC/DC RoHS Compliant

### Printing Detail

UNIVERSAL "EASY STRIP" ANALOGUE/DIGITAL 4-PAIR MULTICORE

