



Product Specifications

COMBI 1

Kelsey Combi 1 is a hybrid signal and power cable designed for use in touring and repeat use applications. The signal part is a twisted pair, braided screened universal digital/analogue cable able to run standard analogue, digital AES/EBU and DMX signals. The power section is a 3 core 2.5mm cable designed for max 240Vac 16amp depending on length. The power section is also screened for extra interference sheilding making this cable ideal for longer runs. Both sections are individually jacketed allowing for easy termination. As part of the construction we have used fillers within the cable to maintain shape and prevent coiling after multiple use. This product has been designed for professional use within the Sound and Lighting industries and can be used with products like amplified speakers and/or wedges as well as lights with DMX control.

SPECIFICATIONS - SIGNAL

Conductors		Outer Jacket	
Material	flexible, bare, annealed copper conductors, stranded class 5 acc. to EN 60228, cross-section 0.34mm ²	Material	Soft PVC
		Colour	Black
		Overall Diameter	5.0mm +/-0.20mm
Insulations		Technical Data	
Material	PE	Test Voltage	> 1kV at 50Hz, effective for 1 minute
Diameter	2.70 mm +/-0.05mm	Effective Capacitance (signal)	Core to Core 60pF/mt Core/Screen 110pF/mt
Colour	Orange , Red	Resistance of Signal Conductors	Max 55.0 Ohm/km w temp. 20°C
Screen		Characteristic Impedance (Signal)	110Ohm
Material	tin copper wire braid and AL/PET foil	Temperature Rating	Operating: +40°C to +80°C

SPECIFICATIONS - POWER

Conductors		Screen	
Material	Flexible, bare, annealed copper conductors, stranded class 5 acc. to EN 60228	Material	AL/PET foil
Insulations		Outer Sheath	
Material	PVC	Material	Special PVC, Black
Diameter	3.70mm +/-0.05mm	Technical Data	
Colour	Brown, Blue and Green/Yellow	Test Voltage	> 2.5kV at 50Hz, effective for 1 minute
		Max Operating Voltage	300/500V

CABLE OUTER SHEATH

Material	Special PVC, resistant to oil, UV radiation, self-extinguishing and flame retardant (acc. to EN 60332-1)
Sheath Colour	Black - OD: 12.4mm
Minimum bending radius	5xO.D
Drum Sizes	500m, 100m, cut lengths RoHS Compliant