

elumen8

CABLE DATASHEET

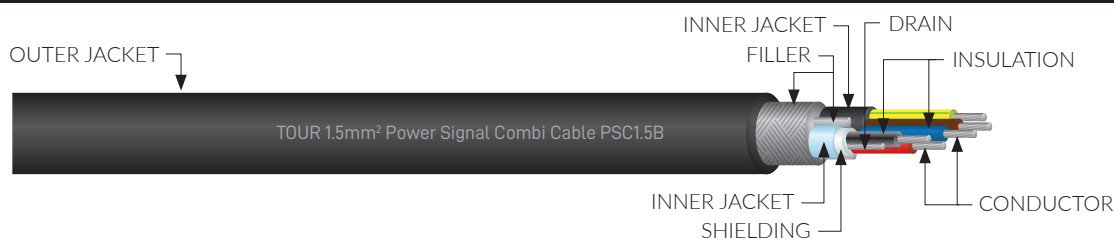
SPECIFICATION

Description: TOUR 1.5mm² Power Signal Combi Cable PSC1.5B

Type: Power/Signal cable

Versions: CABL623 - Black, 100m length
Also available by the metre

CONSTRUCTION



Hybrid multicore comprising of a screened and jacketed signal pair combined with 1.5mm jacketed power cables. Ultra flexible and designed for touring use this cable range provides an elegant solution to the problem of integrated signal and power distribution. Constructed using carefully selected fillers to maintain the overall shape and facilitate easier coiling.

Conductor: Material - Bare Copper (OFC)
Construction - 7 x 0.20mm x 2 + 30 x 0.254mm x 3
Cross section - 0.22mm² (24AWG) x 2 + 1.5mm² x 3

Insulation: Material - Foam-Skin Polyethylene Foam (FPE-SKIN) + Polyvinylchloride (PVC)
Thickness - 0.4mm + 0.7mm
Diameter - 1.5mm x 2 Core + 3.0mm x 3 Core
Colour - 1) Red, 2) Black + 1) Blue, 2) Brown, 3) Yellow/Green

Drain Wire: Material - Tinned Copper (OFC)
Construction - 7 x 0.20mm
Cross section - 0.22mm² (24AWG)

Shielding: Material - Aluminum Foil
Construction - Single Layer
Coverage - 100%

Inner jacket: Material - Polyvinylchloride (PVC)
Thickness - 0.5mm + 0.9mm
Diameter - 4.1mm + 8.2mm

Filler: Material - Polyvinylchloride (PVC) + Non-woven Fabric

Outer jacket: Material - Soft Polyvinylchloride (PVC)
Thickness - 1.2mm
Diameter - 15.5mm

OPERATION TEMP.

-20°C ~ 70°C

ELECTRICAL CHARACTERISTIC

2 Core (Signal)

Nominal impedance: 110Ω

Conductor resistance: 82Ω/km

Capacitance cond.: 47 PF/m

3 Core (Power)

Conductor impedance: 11.8Ω/km

Insulation resistance: 10mΩ/km