

eLumen8

CABLE DATASHEET

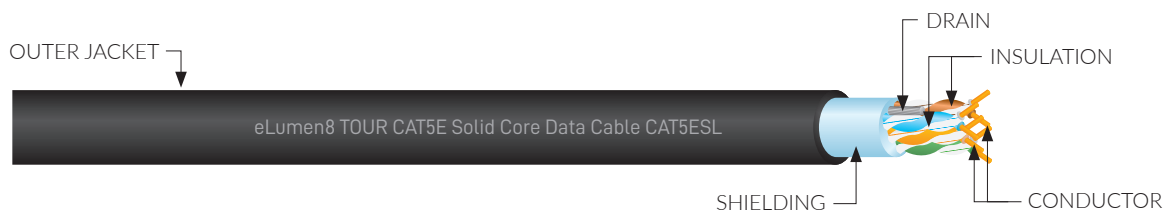
SPECIFICATION

Description: TOUR CAT5E Solid Core Data Cable CAT5ESL

Type: Network Data Cable

Versions: CABL621 - Black, 100m length
CABL621B - Black, 300m length
Also available by the metre

CONSTRUCTION



Touring quality, 4 pair screened CAT5e cable suitable for heavy-duty stage LAN applications. The cable is constructed from four pairs of oxygen-free solid copper cores protected by an overall aluminium polyester foil together with a tinned oxygen-free copper woven drain wire. The cable is finished with a low memory, super flexible outer PVC jacket for the ultimate flexibility usually associated with audio cables.

Conductor: Material - Bare Copper (OFC)
Construction - 1 x 0.50mm
Cross section - 0.20mm² (24AWG) x 8

Insulation: Material - High Density Polyethylene (HDPE)
Thickness - 0.25mm
Diameter - 1.0mm x 4 Pair
Colour - 1) Orange-White/Orange, 2) Green-White/Green,
3) Blue-White/Blue, 4) Brown-White/Brown

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

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

Outer jacket: Material - Soft Polyvinylchloride (PVC)
Thickness - 0.95mm
Diameter - 6.20mm

OPERATION TEMP.

-20°C ~ 75°C

ELECTRICAL CHARACTERISTIC

Nominal impedance: 100Ω

Conductor resistance: 87.8Ω/km

Max. mutual capacitance: 56 PF/m

Nominal velocity of propagation: 69%