

# elumen8

## CABLE DATASHEET

### SPECIFICATION

**Description:** TOUR Screened 1 Pair DMX Cable DMX1PRB-TPU

**Type:** DMX Cable

**Versions:** CABL640 - Black, 100m length  
CABL640B - Black, 500m length  
CABL640PM - Black, cut to length

### CONSTRUCTION



Touring quality, 1 pair screened DMX cable suitable for heavy duty stage lighting control applications. The cable is constructed from a pair of tinned, oxygen-free copper cores, protected by both aluminium polyester foil and a tinned oxygen-free copper woven braid complete with drain wire. The cable is finished with a super flexible outer thermoplastic polyurethane (TPU) jacket for the ultimate flexibility, while allowing cables to be coiled many times over under the harsh environments of touring and professional theatre.

**Conductor:** Material - Tinned Copper (OFC)  
Construction - 20 x 0.12mm  
Cross section - 0.23mm<sup>2</sup> (24AWG) x 2

**Insulation:** Material - Foam-Skin Polyethylene (FPE-SKIN)  
Thickness - 0.45mm  
Diameter - 1.6mm x 1 pair  
Colour - 1) Red, 2) Blue

**Drain Wire:** Material - Tinned Copper (OFC)  
Construction - 7 x 0.20mm  
Cross section - 0.22mm<sup>2</sup> (24AWG)

**Shielding:** Material - Aluminium Foil + braided screen  
Construction - Aluminium Foil + 128 x 0.10mm Braiding  
Coverage - 100% Aluminium Foil + 95% OFC Braiding

**Outer jacket:** Material - Thermoplastic Polyurethane  
Thickness - 1.0mm  
Diameter - 6mm

### OPERATION TEMP.

-40°C ~ 80°C

### ELECTRICAL CHARACTERISTIC

**Nominal impedance:** 110Ω

**Conductor resistance:** 82.0Ω/km