

# elumen8

## CABLE DATASHEET

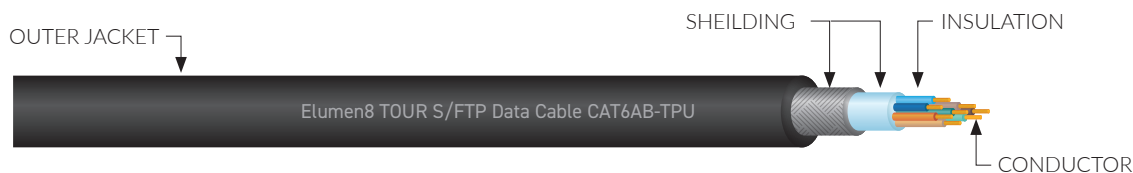
### SPECIFICATION

**Description:** TOUR S/FTP Data Cable CAT6AB-TPU

**Type:** Network data cable

**Versions:** CABL641 - Black, 100m length  
CABL641B - Black, 300m length  
CABL641PM - Black, cut to length

### CONSTRUCTION



Touring quality, 4 pair screened CAT6 cable suitable for heavy-duty stage LAN applications. The cable is constructed from four pairs of tinned, oxygen-free copper cores each protected by both aluminium polyester foil and a tinned oxygen-free copper woven braid. 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 - Bare Copper (OFC)  
Construction - 7 x 0.16mm  
Cross section - 0.14mm<sup>2</sup> (26AWG) x 8

**Insulation:** Material - Foam-Skin Polyethylene (FPE-SKIN)  
Thickness - 0.27mm  
Diameter - 1.05mm x 4 pair  
Colour - 1) Light Orange/Orange 2)Light Green/Green 3)Light Blue/Blue 4)Light Brown/Brown)

**Shielding:** Material - Aluminum Foil + Tinned Copper (OFC)  
Construction - Aluminium Foil x 4 + 144 x 0.10mm Braiding  
Coverage - 100% Aluminium Foil + 80% OFC Braiding

**Outer jacket:** Material - Thermoplastic polyurethane (TPU)  
Thickness - 1.0mm  
Diameter - 6.7mm

### OPERATION TEMP.

-40°C ~ 80°C

### ELECTRICAL CHARACTERISTIC

**Nominal impedance:** 100Ω

**Conductor resistance:** 140Ω/km

**Max. Mutual Capacitance:** 56PF/m