



# Tourflex® Datasafe™ Cat7 Ethernet Cable

**Part No:**  
**TFDSCAT7EU**

## S P E C I F I C A T I O N S H E E T

**V 1.0**

### DESCRIPTION

The cable shall be suitable to transport Ethernet protocols at the following maximum lengths:

- Up to 1Gbps (Cat5e) 100M\*
- 10Gbps (Cat6A) 80M\*
- 10Gbps (Cat7) 60M\*

The cable shall offer an overall braided shield along with individually screened pairs (S/FTP).

The cable shall be compliant to Class F (Cat7) – ISO11801.

The cable shall be able to endure the everyday wear and tear of the entertainment industry.

The cable shall have a toughened jacket to give it better resistance to damage caused by everyday use.

The cable shall be factory tested to ensure it meets the standard for Cat7 cable.

### ORDERING INFORMATION

**Model**

Tourflex Datasafe Cat7 Ethernet Cable

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*\*point to point length (2 connectors)*

### OVERALL SPECIFICATIONS

Cores	Conductor 0.56mm +/- 0.01 Solid Bare Copper core Conductor DC Resistance @ 20°C: 85.6 Ohm/Km (Max) Diameter 1.33mm +/- 0.10 Insulated with Polyethylene Skin NVP: 74% Common Drain Wire: Tinned Copper 0.40mm +/- 0.01
Pairs	AL-PET Foil screen for each pair Coverage ≥ 115% P1: Orange and White / Orange P2: Green and White / Green P3: Blue and White / Blue P4: Brown and White / Brown
Data Shielding	Tinned Copper Braid Shield 0.12mm x 16 x 9 @ 80% +/- 5% coverage
Outer Jacket	Black Polyurethane 0.7mm Nominal Thickness Overall cable diameter 7.80mm +/- 0.2mm Max Bend Radius 15 x OD
Operating Temperature	-15°C to +70°C (ambient temperatures above 20°C require a performance derating)
Weight per 1m	74.4 grams
Compliance	RoHS, WEEE, ISO/IEC 11801:2011 (Ed. 2.2), IEC 61156-5:2012 (Ed. 2.1), EN 50288-4-1:2013



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