



# Tourflex® Datasafe™ 4B Two Pair LSOH 1000v Insulated DMX Cable

**Part No:  
TFDS4BEU**

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

**V 1.1**

### DESCRIPTION

The cable shall have 2 pairs of conductors with colour coding for pair 1 to be white and black, pair 2 to be red and green.

The cable shall have a Halogen Free Ruggedised Outer Sheath ensuring excellent thermal stability and high mechanical resistance.

The cable shall have a fire retardant rating compliant to IEC60332-1-2

The cable shall have a good resistant to everyday use and liquids.

The cable shall be factory-tested for Hi-Pot, Continuity, Impedance and Capacitance.

The cable shall have 110 Ohm Impedance Characteristic.

### ORDERING INFORMATION

**Model**

Tourflex Datasafe 4B Two Pair  
LSOH 1000v Insulated DMX Cable

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### OVERALL SPECIFICATIONS

Cores	<b>Data Pairs:</b> 0.35mm <sup>2</sup> - 20 stands of 0.15mm oxygen free tinned copper conductors in accordance to PN-EN 60228 Nominal capacitance conductor / conductor - 55pF/m (16.8pF/ft) @ 1KHz
	<b>Data Pairs:</b> Colour Coded P1 - White & Black, P2 - Red & Green Conductivity - 50.8 Ohms/km (16.2 Ohms/1000ft) @ 20°C
Shielding	Braid Shield - 36 AWG tinned CuSu @ 88% - 90% coverage. Braid angle < 40 degrees Nominal capacitance conductor / shield 91pF/m (27.7pF/ft) @ 1KHz Tape Shield - 0.0381mm (0.0015") aluminium / polyester with aluminium out (100% coverage)
Fillers Strength Members	Pairs twisted with four cotton fillers and one aramid yarn
Outer Jacket	Unique cross-linked halogen-free compound - Black Overall cable diameter 7.2mm +/- 0.1mm (0.283" +/- 0.004") Operating temperature range -30°C to +75°C Minimum bend radius - 8 x O.D.
Characteristic Impedance	110 Ohms
Weight per 1m	60 grams / 2.12 ounces
Weight per 12 inches	18.29 grams / 0.645 ounces
Compliance	RoHS, CE, WEEE, IEC60332-1-2



**HQ, UK & International Sales**  
A.C. Entertainment Technologies Ltd.  
Tel: +44 (0)1494 446000  
Fax: +44 (0)1494 461024  
sales@ac-et.com  
www.ac-et.com

**Northern UK Sales**  
A.C. Entertainment Technologies Ltd.  
Tel: 0113 255 7666  
Fax: 0113 255 7676  
acnorth@ac-et.com  
www.ac-et.com

**Asian Sales**  
A.C. Lighting Asia KK  
Tel: +81 (0)3-6907-1758  
Fax: +81 (0)3-6907-1589  
sales@aclighting.jp  
www.aclighting.jp