



Tourflex® Datasafe Ultra™ 3 Pair DMX Cable

**Part No:
TFDSU3PREU**

SPECIFICATION SHEET

V1.0

DESCRIPTION

The cable shall be suitable to transport 3 universes of ANSI E1.11 USITT DMX 512-A protocol over its three pairs from a control console to a DMX lighting system.

The cable shall be able to endure the every day abuse of the entertainment industry.

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

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

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

The cable shall have 3 pairs of conductors with red & orange, yellow & green, blue & white coding.

The cable shall have 110 Ohm Impedance Characteristic.

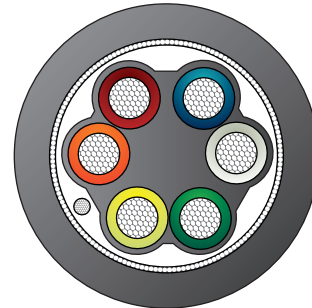
ORDERING INFORMATION

Model

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OVERALL SPECIFICATIONS

Cores	Data Pair & Drain Wire: 0.34mm ² - 19 strands of 0.15mm tinned OFC conductors in accordance to PN-EN 60228 Nominal capacitance conductor / conductor - 65pF/m (19.8pF/ft)
	Data Pair: Colour Coded P1 - Red & Orange, P2 – Yellow & Green, P3 – Blue & White Dielectric 0.4mm (0.016") nominal wall of foam polyethylene to diameter of 1.57mm +/- 0.05mm (0.062" +/- 0.002") Conductivity - 55 Ohms/km (16 Ohms/1000ft) @ 20°C
Shielding	Braid Shield - 36 AWG tinned CuSu @ 95% - 100% coverage. Braid angle < 40 degrees Nominal capacitance conductor / shield 115pF/m (35pF/ft) Tape Shield - 0.0381mm (0.0015") aluminium / polyester with aluminium out
Fillers Strength Members	Filler - Fibrillated flame retardant polypropylene
Outer Jacket	Polyvinyl Chloride - Black - 0.89mm (0.035") Nominal Thickness with paper separator Overall cable diameter 9.1mm +/- 0.1mm (0.358" +/- 0.004") Operating temperature range -30°C to +70°C (Fixed installation) Minimum temperature range for installation -5°C Minimum bend radius - 5 x O.D.
Characteristic Impedance	110 Ohms
Weight per 1m	103 grams / 3.63 ounces
Weight per 12 inches	31.39 grams / 1.107 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