



Tourflex® Datasafe™ Ultra 2 Pair DMX Cable

**Part No:
TFDSU2PR**

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

V 2.0

DESCRIPTION

The cable shall be suitable to transport ANSI E1.11 USITT DMX 512-A protocol over its 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 an FT4 flame retardant fire rating.

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 2 pair of conductors with colour coding for pair 1 to be red and orange, pair 2 to be yellow and green.

The cable shall have 120 Ohm impedance characteristic.

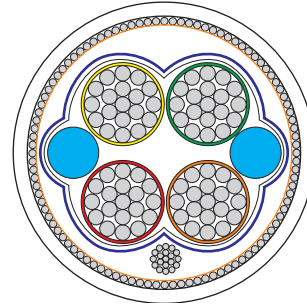
ORDERING INFORMATION

Model

Tourflex Datasafe Ultra 2 Pair DMX Cable

Part No

TFDSU2PR



OVERALL SPECIFICATIONS

Cores	22 AWG-19 strands of 34 AWG tinned annealed copper in accordance with ASTM B-8 and B-33
	Nominal capacitance conductor/conductor 12pf/ft
	Colour Coded P1 - Red & Orange, P2 - Yellow & Green Dielectric .016" nominal wall of foam polyethylene to diameter of .062" +/- .002"
Shielding	Braid Shield - 36 AWG tinned Cu @ 90% coverage. Braid angle <40 degrees Nominal capacitance conductor/shield 20pf/ft Tape Shield - .0015" aluminum/polyester with Aluminum out
Fillers Strength Members	Filler - Fibrillated flame retardant polypropylene Binder - .001" clear polyester tape over core - 25% min lap
Outer Jacket	Polyvinyl Chloride - Black - .035" Nominal Thickness with paper separator
	Overall cable diameter 0.290" +/- .015"
	Operating temperature range -30°C to +75°C Conductivity per 1000ft. 16 Ohms (max) at 20°C
Characteristic Impedance	120 Ohms
Weight per 1m	71.6 grammes / 2.525 ounces
Weight per 12 inches	21.6 grammes / 0.762 ounces
Compliance	CL2, RoHS, CE, WEEE, UL, cUL, FT4



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

North American Sales
A.C. Lighting Inc.
Tel: 416-255-9494
Fax: 416-255-3514
northamerica@aclighting.com
www.aclighting.com/northamerica

Asian Sales
A.C. Lighting Asia KK
Tel: +81 (0)48-475-9377
Fax: +81 (0)48-475-9355
asia@aclighting.com
www.aclighting.com/asia