



Tourflex® Datasafe™ Ultra Digital Colour Changer Cable

**Part No:
TFDSUPD**

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 DMX-512A protocol and power from a power supply unit to lighting accessories such as colour scrollers and gobo rotators.

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 1 pair of data conductors with red and orange colour coding and 120 Ohm impedance characteristic.

The cable shall have 1 pair of 14AWG power conductors with brown and yellow colour coding.

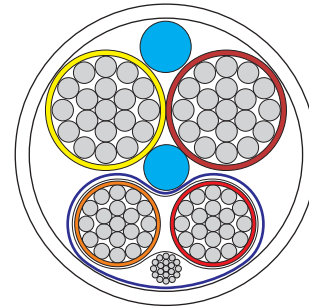
ORDERING INFORMATION

Model

Tourflex Datasafe Ultra Digital Colour Changer Cable

Part No

TFDSUPD



OVERALL SPECIFICATIONS

Cores	<p>Data Pair & Drain Wire: 22 AWG-19 strands of 34 AWG tinned annealed copper in accordance with ASTM B-8 and B-33.</p> <p>Data Pair: Colour Coded P1-Red & Orange .016 nominal wall of foam polyethylene to diameter of .062" +/- .002" Nominal Capacitance conductor/conductor 12 pf/ft.</p> <p>Power: 14 AWG-41 strands of 30 AWG bare copper per ASTM B-9 and B-33.</p> <p>Power: Colour Coded Brown & Yellow .016" wall of PVC to a nom diameter of .104" +/- .002"</p>
Shielding	Tape Shield - .0015" aluminium/polyester with aluminium facing in on pair only.
Fillers Strength Members	<p>Filler - Fibrillated flame retardant polypropylene</p> <p>Binder - .001" clear polyester tape over core - 25% min lap</p>
Outer Jacket	<p>Polyvinyl Chloride - Black - .035" Nominal Thickness without paper separator</p> <p>Overall cable diameter .300" +/- .015"</p> <p>Operating temperature range -30°C to +75°C</p> <p>Conductivity per 1000ft. 16 Ohms (max) at 20°C</p>
Characteristic Impedance	120 Ohms
Weight per 1m	95 grammes / 3.35 ounces
Weight per 12 inches	28.34 grammes / 1 ounce
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