



tourflex®

datasafe ultra™
datasafe™

Professional cables
for the professional user



professional cables for the professional user

With today's lighting systems featuring an increasing number of control channels, harsher environments and a longer life expectancy, it is more critical than ever to use high quality data cable, to avoid the risk of potential technical faults over the cable's life.

Tourflex® Datasafe™ cables have been setting new standards of performance in the entertainment industry for over 20 years. In the past decade alone, over 1,500km of Datasafe cable has been supplied to leading rental companies, installers and venues worldwide.

Tourflex Datasafe cables are synonymous with innovation, quality, performance and reliability. The comprehensive range of data cable solutions includes DMX, digital colour changer, Cat5E Ethernet, hybrid power & DMX, and insulated DMX cables.

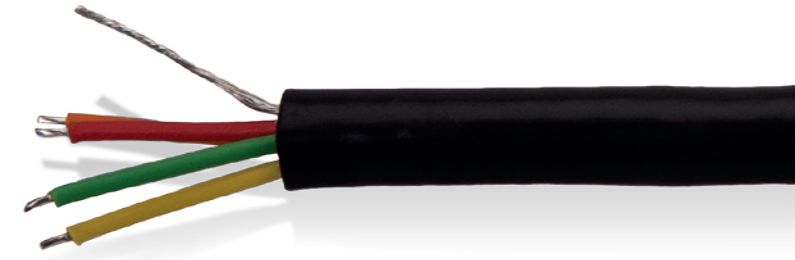
Tourflex Datasafe cables feature a toughened jacket for protection against damage caused by everyday use. In addition, they are manufactured and tested to exacting specifications, to ensure high performance and consistency. This includes factory testing for Hipot, Continuity, Impedance and Capacitance, ensuring that the performance of your data cable is second to none when providing the critical link for your show.

Tourflex Datasafe DMX cables are also backwardly compatible with all DMX512 control protocol variations, in addition to the RDM protocol, giving you complete peace of mind whatever your lighting rig consists of.



- Datasafe Ultra cables have been designed to cope with the rigours of touring.
- Toughened jacket offers protection against damage caused by everyday use.
- Compatible with all versions of DMX512 and RDM.
- Factory tested to ensure a high level of quality is maintained.
- Wide range of cable options for all types of applications.
- Custom versions available upon request.

datasafe ultra™ datasafe™



Datasafe Ultra

The high flexing characteristics of the Datasafe Ultra™ cables range makes it ideal for productions and touring applications.

Datasafe 4B

The Datasafe 4B cable is designed for permanent installations or applications that have higher safety and protection requirements.

Along with the three standard DMX cables, (1 pair, 2 pair & digital colour changer), Tourflex offers three additional cables for specific applications.

Tourflex Datasafe Ultra Cat5E Ethernet Cable

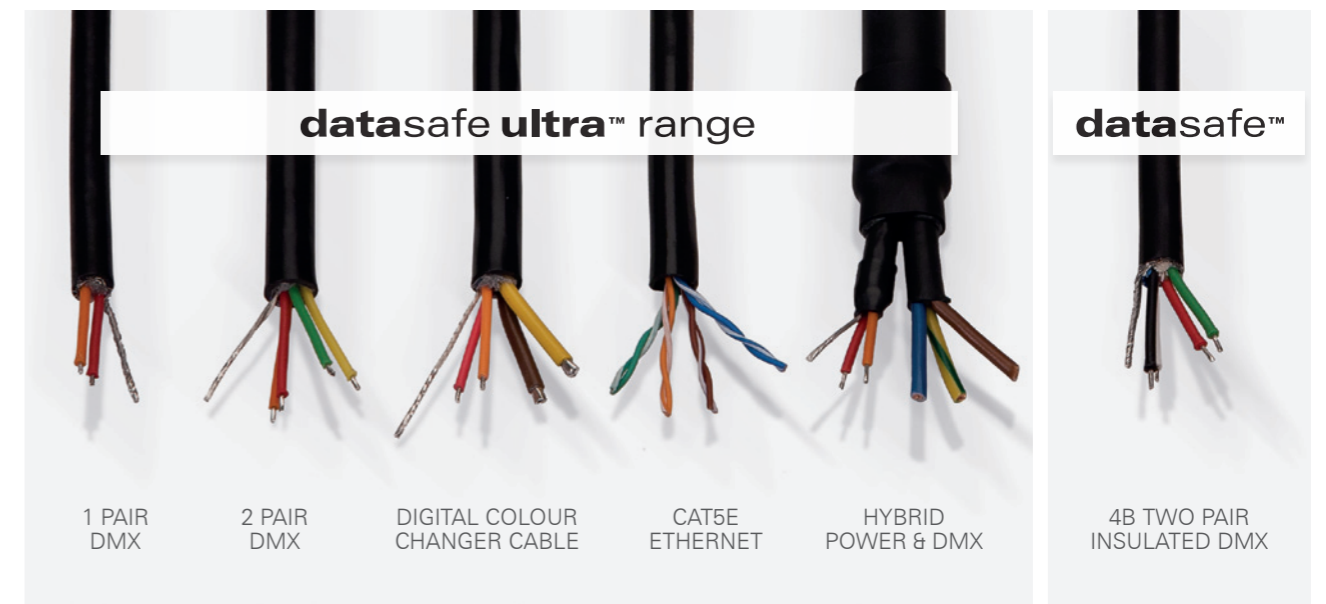
brings the ruggedness of the DMX Datasafe Ultra cables to the Ethernet world. By utilising the same toughened jacket - unlike standard Ethernet cables - this extremely

durable cable has been designed to withstand the rigours of the touring world.

Tourflex Datasafe Ultra Hybrid Power & Data Cable

is new to the Datasafe family. It provides a solution for transporting power and data over a single cable. To maintain absolute safety, the power and data cores are separately insulated.

Tourflex Datasafe 4B Two Pair LSOH 1000v Insulated DMX Cable features a low smoke and zero halogen jacket that reduces the amount of toxic and corrosive gas emitted during combustion. This feature is critical for installations that include poorly ventilated areas, such as ships. An additional benefit is the 1000v insulation rating for the inner cores - offering greater protection in the event of a fault.



Tourflex Datasafe Ultra / Datasafe Range - Key Specifications

Tourflex Datasafe Ultra 1 Pair DMX Cable Product Code: TFDSU1PREU	Used to transport a single universe of DMX / RDM. Data Pair & Drain Wire: 0.34mm ² - 19 strands of 0.15mm tinned OFC conductors Data Pair Colour: Red & Orange Overall Diameter: 6.3mm (+/- 0.1mm) Weight per 1m: 58 grams / 2.05 ounces Operating Temperature: -30°C to +70°C Minimum Bend Radius: 5 x O.D.
Tourflex Datasafe Ultra 2 Pair DMX Cable Product Code: TFDSU2PREU	Used to transport two independent universes of DMX / RDM. Data Pairs & Drain Wires: 0.34mm ² - 19 strands of 0.15mm tinned OFC conductors Data Pair Colour: P1 - Red & Orange, P2 - Yellow & Green Overall Diameter: 8.1mm (+/- 0.1mm) Weight per 1m: 87 grams / 3.07 ounces Operating Temperature: -30°C to +70°C Minimum Bend Radius: 5 x O.D.
Tourflex Datasafe Ultra Digital Colour Changer Cable Product Code: TFDSUPDEU	Used to transport a single universe of DMX / RDM and low voltage power to an end device. Data Pairs & Drain Wires: 0.34mm ² - 19 strands of 0.15mm tinned OFC conductors Power Pair: 2.5mm ² - 0.252mm multi-stranded copper conductors Data Pair Colour: P1 - Red & Orange, Power Pair Colour: Brown & Yellow Overall Diameter: 8.2mm (+/- 0.3mm) Weight per 1m: 100 grams / 3.5 ounces Operating Temperature: -30°C to +70°C Minimum Bend Radius: 6 x O.D.
Tourflex Datasafe Ultra Cat5E Ethernet Cable Product Code: TFDSUCAT5EEU	Used to transport Ethernet data between two devices. Data Pairs: 0.2047mm ² - 7 strands of 0.202mm copper conductors Data Pair Colour: P1 - Blue & White / Blue P2 - Orange & White / Orange P3 - Green & White / Green P4 - Brown & White / Brown Overall Diameter: 7.1mm (+/- 0.4mm) Weight per 1m: 74 grams / 2.61 ounces Operating Temperature: -20°C to +60°C Minimum Bend Radius: 5 x O.D.
Tourflex Datasafe Ultra Hybrid 3 x 1.5mm² Power & 1 Pair DMX Cable Product Code: TFDSHY1PRD	Used to transport a single universe of DMX / RDM and Mains Voltage to an end device. Data Pair & Drain Wire: 0.34mm ² - 19 strands of 0.15mm tinned OFC conductors Power Pair: 3 x 1.5mm ² - 32 strands of 0.24mm bare copper conductors Data Pair Colour: P1 - Red & Orange, Power Colour: Brown (Live), Blue (Neutral), & Green/Yellow (Mains Earth) Overall Diameter: 14.5mm (+/- 0.2mm) Weight per 1m: 280 grams / 9.8 ounces Operating Temperature: -30°C to +70°C
Tourflex Datasafe 4B Two Pair LSOH 1000v Insulated DMX Cable Product Code: TFDS4BEU	Used in permanent installations to transport two independent universes of DMX / RDM. Data Pairs: 0.35mm ² - 20 strands of 0.15mm oxygen-free tinned copper conductors Data Pair Colour: P1 - White & Black, P2 - Red & Green Overall Diameter: 7.2mm (+/- 0.1mm) Weight per 1m: 60 grams / 2.12 ounces Operating Temperature: -30°C to +75°C Minimum Bend Radius: 8 x O.D.

Please refer to the individual Tourflex specification sheets for more details.

For helpful cable tips and advice, please check out our cable guide at: www.ac-et.com/reference/cableguide



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



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