

## DMX Data Control Cable 500 V

### Event<sup>®</sup> install



## Application

The DMX range complies with the requirements of DMX512-A and is an RS-485 based communications protocol that is most commonly used to control stage lighting and effects.

## Cable Design

Conductor .....	Stranded Tinned Copper (16 x 0,20 mm) 0,5 mm <sup>2</sup>
Insulation .....	Foam Polyethylene Ø 1,8 ± 0,05 mm
Pair.....	2 wires twisted to a pair
No. of Pairs .....	1 Pair : Black, Red 2 Pair : Black, Red, / Yellow, Green
Drain Wire .....	Stranded Tinned Copper (16 x 0,20 mm)
Shield .....	Aluminium/polyester tape. (Aluminium inside)
Outer Jacket.....	LSZH FireFighter <sup>®</sup> , FRLS or TPE



## Characteristics







- Most commonly used to control stage lighting and effects
- Flame Retardant acc. to IEC 60332-1
- Halogen Free acc, to IEC 60754
- Smoke Density acc. to IEC 61034

## DMX Data Control Cable 500 V

### Technical Data

Impedance	110±5	Ω
Tray Rated Voltage	500	V
Test Voltage	2000	V
Service Temperature (static)	-20 °C to +80	°C
Service Temperature (mobile)	-5 °C to +80	°C
Weight	34	kg/km

### Specification

Cross Section	Part Number	No. of Pairs	Type	Overall Diameter [mm]	Min. Bending Radius [mm]	Colour
	DMX-01	1	FRLS	5,75 ± 0,3	60	Black
	DMXLSZH-01	1	LSZH FireFighter®	5,75 ± 0,3	60	Black
	DMXLSZH-10	1	LSZH FireFighter®	5,75 ± 0,3	60	White
	DMX-04	1	FRLS	5,75 ± 0,3	60	Red
	DMX-P-01 *	1	TPE	5,75 ± 0,3	60	Black
	DMXLSZH2-01	2	LSZH FireFighter®	8,20 ± 0,5	90	Black