

EventSeries®

DMX Data Control Cable 500 V

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 ²
Insulation	Foam Polyethylene Ø 1.8 ± 0.5 mm
Pairs	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®, 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



Technical Data

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

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Specification

Cross Section	Part Number	No. of Pairs	Type	Min. Bending Radius mm	Overall Diameter 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

Contact Details

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