

DMX Data Control Cable 500/600 V



Event[®] 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 ²
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 [®] , 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

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Technical Data

Impedance	110±5	Ω
Tray Rated Voltage	500 /600	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]	Tray Rated Voltage [V]	Colour	Euroclass
	DMX-01	1	FRLS	6,0 ± 0,3	60	500	Black	Eca
	DMXLSZH-01	1	LSZH FireFighter [®]	6,0 ± 0,3	60	600	Black	Dca-s2,d2,a1
	DMXLSZH-10	1	LSZH FireFighter [®]	6,0 ± 0,3	60	600	White	Dca-s2,d2,a1
	DMX-04	1	FRLS	6,0 ± 0,3	60	500	Red	Eca
	DMX-P-01 *	1	TPE	6,0 ± 0,3	60	600	Black	Eca
	DMX2LSZH-01	2	LSZH FireFighter [®]	8,20 ± 0,5	90	600	Black	Dca-s2,d2,a1