

**2-pair DMX cable**

- 110 Ohm characteristic impedance

PVC

This two-pair digital cable with a characteristic impedance of 110 ohm not only provides for the standard unidirectional DMX link between the control unit and dimmers but also the transmission of optional error and status signals in the opposite direction. As it is a very complex and costly matter to retrofit cables in existing installations, these two-pair DMX cables should only be used in installations to ensure compatibility with future DMX specifications.

construction

cond. construction	stranded tinned copper, 7 x 0.20 mm
cond. cross section	0.22 mm ²
insulation	Foam-Skin PE
pair shielding	AL/PET foil
drain wire	stranded tinned copper, 7 x 0.20 mm
overall shield	tinned copper braid, 85% coverage
outer jacket	PVC
overall diameter	8.0 mm

mechanics

min. bending radius	35 mm
working temperature	-20°C / +70°C

electric

conductor resistance	< 85 Ω /km
capacitance	
cond./cond.	47 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	2.3
3 MHz	3.9
10 MHz	6.9
insulation resistance	> 10 G Ω x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	colour	weight kg	standard lengths m
DMX2	blue	0.09	50 / 100 / 200 / 300 / 500