

**OminiTRANS mobile AES/EBU (DMX) cable****2x 0.22 mm² - PUR**

- 0.22 mm² conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- extra robust PUR jacket
- halogen-free

PUR

The sturdy digital 110 Ohm cable for the transmission of digital AES/EBU audio signals and digital DMX light control signals. The benefits of this cable are its very low capacitance and attenuation constant as well as extremely dense shielding: the requirements for interface-free connection over long distances. The sturdy and thick outer sheath made of PUR allows the cable to be inserted into trusses quickly and easily.

design

cond. construction	stranded tinned copper, 7x 0.20 mm (AWG 24/7)
cond. cross section	0.22 mm ²
insulation	foam-skin PE
shielding	AL/PET foil + tinned stranded drain wire + tinned copper braid (coverage 85%)
outer jacket	PUR
overall diameter	6.0 mm

mechanical & thermal characteristics

operating temperature	-40°C / +85°C
min. bending radius	
installed	5x overall diameter
mobile use	10x overall diameter
no hazardous substances	acc. to EU directive RoHS 2011/65/EU from 08.06.2011
CE conformity	acc. to EU directive LVD 2006/95/EG
heat of combustion	733 kWh/km
halogen-free	acc. to IEC 60754-2

electric

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	47 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	< 2.7
3 MHz	< 4.3
10 MHz	< 7.3
insulation resistance	> 50 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	outer jacket	outer Ø mm	cable color	weight kg/m	standard lengths m
OT206PB	PUR	6.0	dark blue	0,04	50 / 100 / 200 / 300 / 500

technical specifications are subject to change