

**OminiTRANS mobile AES/EBU (DMX) cable****2x 0.22 mm<sup>2</sup> - PVC**

- 0.22 mm<sup>2</sup> conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- robust jacket, Ø 6.0 mm

**PVC**

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 interference-free connection over long distances. The sapphire blue colour permits fast signal identification in confusing cable bundles.

**design**

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

**mechanical & thermal characteristics**

operating temperature	-25°C / +70°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
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	632 kWh/km

**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
OT206YB	PVC	6.0	dark blue	0,04	50 / 100 / 200 / 300 / 500
OT206YS	PVC	6.0	black	0,04	50 / 100 / 200 / 300 / 500

technical specifications are subject to change