

**OminiTRANS mobile AES/EBU (DMX) cable****2x 0.34 mm² - PVC**

- 0.34 mm² conductor cross section (AWG 22)
- 110 Ohm characteristic impedance
- double shielded (AL/PET foil + braid)
- robust jacket, Ø 6.7 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.

design

cond. construction	stranded tinned copper, 7x 0.25 mm (AWG 22/7)
cond. cross section	0.34 mm ²
insulation	foam-skin PE
shielding	AL/PET foil + tinned stranded drain wire + tinned copper braid (coverage 85%)
outer jacket	PVC, matt
overall diameter	6.7 mm

mechanical & thermal characteristics

operating temperature	-20°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 2014/35/EU
REACH conformity	acc. to REACH regulation 1907/2006
flame retardancy	acc. to IEC 60332-1-2

electric

conductor resistance	< 53 Ω/km
capacitance	
cond./cond.	< 47 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	< 1.9
3 MHz	< 3.5
10 MHz	< 5.8
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
OT234YS	PVC	6.7	black	0,06	50 / 100 / 200 / 300 / 500

technical specifications are subject to change