

**OmniTRANS - AES/ EBU (DMX) cable for mobile applications - PUR**

- double shielded (AL foil + braid)
- robust PUR jacket

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.

construction

cond. construction	stranded tinned copper, 7 x 0.20 mm
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

mechanics

min. bending radius	30 mm
working temperature	-40°C / +85°C
halogen-free	acc. to IEC 60754-1

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 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	colour	weight kg	standard lengths m
OT206PB	blue	0,045	50 / 100 / 200 / 300 / 500