



**OminiTRANS mobile AES/EBU cable**

**2 x 0.22 mm<sup>2</sup> - PVC**

- 0.22 mm<sup>2</sup> conductor cross section (AWG 24)
- 110 Ohm characteristic impedance
- very dense copper spiral shield
- flexible, robust outer jacket, Ø 6.5 mm

**PVC**

The usage of cables in theatres and on stages often requires contradictory specifications to the lines used. Flexibility and at the same time robustness in relation to extremely high mechanical stress are needed. These are realised with the OT2000 by cotton filling threads in the interstices, which provide for a stable pair twisting, needed for repeated winding and unwinding, a very close spiral screen and a very thick outer jacket from soft PVC rounds off the cables characteristics.

**construction**

cond. construction  
cond. cross section  
insulation  
core arrangement  
shielding  
outer jacket  
overall diameter

stranded tinned copper, 7 x 0.20 mm (AWG 24/7)  
0.22 mm<sup>2</sup>  
Foam-Skin PE  
2 cores twisted to a pair  
tinned copper spiral shield, 95% coverage  
PVC, matt  
6.5 mm

**mechanics**

min. bending radius  
working temperature

35 mm  
-20°C / +70°C

**electric**

conductor resistance 80 Ω/km  
shield resistance 30 Ω/km  
capacitance  
cond./cond. 52 pF/m  
characteristic impedance 110 Ω  
attenuation [dB/100m]  
1 MHz 2.1  
3 MHz 5.2  
10 MHz 12.5  
insulation resistance > 10 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
OT2000	PVC	6.5	black	0.05	50 / 100 / 200 / 300 / 500