

OmniTRANS - 2 x 0.22 mm² - Mobile AES/ EBU audio cable - PVC

- robust outer jacket, Ø 6.5 mm
- ultra flexible

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	stranded tinned copper, 7 x 0.20 mm (AWG 24/7)
cond. cross section	0.22 mm ²
insulation	Foam-Skin PE
core arrangement	2 cores twisted to a pair
shielding	tinned copper spiral shield, 95% coverage
outer jacket	PVC, matt
overall diameter	6.5 mm

mechanics

min. bending radius	35 mm
working temperature	-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	color	weight kg/m	standard lengths m
OT2000	PVC	6.5	black	0.05	50 / 100 / 200 / 300 / 500

technical specifications are subject to change