



PVC

**OminiTRANS mobile AES/EBU patch cable****2x 0.15 mm<sup>2</sup> - PVC**

- 0.15 mm<sup>2</sup> conductor cross section (AWG 26)
- 110 Ohm characteristic impedance
- tinned copper spiral shield
- ultra flexible
- suitable to Bantam/TT-Phone connectors

The AES/EBU & DMX Patch cable OT1000 was designed for plug connectors the dimensions of Bantam (TT Phone). The use of these 4.6 mm diameter balanced cables provides for clear and space-saving wirings in large switchgear cabinets. The tinned, high density spiral screen ensures a very good shielding in connection with high flexibility.

**design**

cond. construction	stranded tinned copper, 19x 0.10 mm
cond. cross section	0.15 mm <sup>2</sup>
insulation	foam-skin PE
core arrangement	2 cores twisted to a pair
shielding	tinned copper spiral shield, 95% coverage
outer jacket	PVC, matt

**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 2014/35/EU
REACH conformity	acc. to REACH regulation 1907/2006
flame retardancy	acc. to IEC 60332-1-2
heat of combustion	400 kJ/m

**electric**

conductor resistance	< 135 Ω/km
capacitance	
cond./cond.	49 pF/m
characteristic impedance	110 Ω
nom. attenuation [dB/100m]	
1 MHz	2.1
3 MHz	4.5
4 MHz	5.6
6 MHz	7.6
10 MHz	11.3
20 MHz	19.9
insulation resistance	> 10 GΩ x km
test voltage	
cond./cond.	700 V
cond./shield	500 V

order code	outer jacket	outer Ø mm	cable color	weight kg/m	standard lengths m
OT1000	PVC	4.6	black	0,03	50 / 100 / 200 / 300 / 500

technical specifications are subject to change