

**OmniLIVE AES/EBU multicore****n x 2 x 0.22 mm² - PUR**

- 0.22 mm² (AWG 24/7) stranded tinned copper
- overall braid shield
- version in PUR
- very compact overall diameter

PUR

OmniLIVE - the compact Audio-multicore for mobile use. Due to the pair taping with PP foil very small external diameters could be achieved and still show exceptional electric properties (0.22 mm² conductor cross section, 47 pF/m mutual capacitance, pair and overall screen, low attenuation, correspondent to the ARD / ZDF specification 3/3, highly suitable for analogue and digital audio signals). Due to the outer jacket from PUR the cable is particularly suited for mobile use in the field.

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, KLOTZ multicore colour code
pair shielding	AL/PET foil + tinned stranded drain wire
pair taping	polypropylene (PP) foil
overall shield	tinned copper braid, >85% coverage
outer jacket	PUR

mechanics

min. bending radius	10x overall diameter
working temperature	-40°C / +85°C

electric

conductor resistance	< 85 Ω/km
capacitance	
cond./cond.	47 pF/m
characteristic impedance	110 Ω
attenuation [dB/100m]	
1 MHz	2.6
3 MHz	4.2
10 MHz	7.1
crosstalk attenuation	
15 kHz	> 100 dB
10 MHz	> 80 dB
insulation resistance	> 1 GΩ x km
test voltage	
cond./cond.	1200 V
cond./shield	500 V

order code	no. of pairs	outer Ø mm	cable color	weight kg/m	standard lengths m
OL22P08	8	13.0	black	0.18	10 / 30 / 50 / 100 / 200 / 300
OL22P12	12	15.0	black	0.24	10 / 30 / 50 / 100 / 200 / 300

technical specifications are subject to change