

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

- 0.22 mm² conductor cross section (AWG 24)
- overall braid shield
- very compact overall diameter

PVC

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).

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	PVC

mechanics

min. bending radius	10x overall diameter
working temperature	-20°C / +70°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
OL22Y08	8	13.0	black	0.2	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
OL22Y12	12	15.5	black	0.28	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
OL22Y16	16	18.5	black	0.35	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300
OL22Y24	24	22.5	black	0.53	6 / 10 / 15 / 20 / 30 / 50 / 100 / 200 / 300

technical specifications are subject to change