

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

- 0.22 mm² (AWG 24/7) stranded tinned copper
- overall braid shield
- flame retardant and non corrosive (FRNC)
- very compact overall diameter

sale

FRNC

6-12 pairs

The compact Audio-multicore OmniLIVE - FRNC for installation cable complies with all national and international safety requirements, including the extremely difficult to reach flame retardance according to IEC 60332-3-24 (cable bundle test). Due to the pair taping with PP foil a very small external diameter 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	FRNC, grey

mechanics

min. bending radius	10x overall diameter
working temperature	-20°C / +70°C
flame retardancy	acc. to IEC 60332-1-2 and IEC60332-3-24
halogen-free	acc. to IEC 60754-2

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
6 MHz	5.5
10 MHz	7.1
crosstalk attenuation	
15 kHz	100 dB
10 MHz	80 dB
insulation resistance	> 30 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
OL22H06	6	11.8	grey	0.16
OL22H08	8	13.0	grey	0.2
OL22H12	12	15.6	grey	0.28

technical specifications are subject to change