

BiTsound® MultiPaired AES/EBU Audio Cable

Flexible, multi-paired, screened audio cable



Technical data:

Operating temperature:

Fixed installation: -30°C to 70°C

Flexible connections: -5°C to 70°C

Min. installation temperature: -5°C

Max. resistance of power conductors DC at 20°C: 84,2Ω/km

Capacitance (at 1kHz):

Conductor/conductor: ≤ 50nF/km

Conductor/screen: ≤ 110nF/km

Impedance: 110Ω±10

Min. insulation resistance: 1,0GΩxkm

Min. bending radius: 5xØ (Ø - cable diameter)

Construction:

Conductors: bare copper conductors, multi-stranded class 6 as per EN 60228 (26x0,1)

Insulation: foamed PE with a thin, external layer of solid PE

Core identification (in pairs): white, blue

Core arrangement: cores twisted together in pairs

Screen: aluminium backed polyester tape with tinned copper drain wire underneath

Pair-sheathing compound: special PVC

Core arrangement: PVC-sheathed pairs twisted together

Outer sheath: special PVC, self-extinguishing and flame retardant acc. to EN 60332-1

Outer sheath colour: black, matt

Application:

BiTsound® MultiPaired AES/EBU Audio Cables are designed for transmitting analog and digital signals in AES/EBU standard. The cable is dedicated to professional and studio applications. Matt outer sheath eliminates the light reflection effect.

BiTsound® MultiPaired AES/EBU Audio Cables are classified in accordance with **EN 50575 (CPR)**.

Cable properties:

- high impact strength and flexibility at both room and low temperatures
- high flexibility
- matt outer sheath eliminating the light reflection effect

Cat. no.	nxmm ²	Nominal O.D. [mm]	Nominal weight [kg/km]
LP0661	2x(2x0,21)	9,2	96
LP0672	4x(2x0,21)	10,8	132
LP0662	8x(2x0,21)	14,4	232
LP0673	12x(2x0,21)	17,1	309
LP0664	16x(2x0,21)	19,1	389

Cable Factory BITNER reserves the right to modify the specifications without prior notice.
Note: On customer's request other cross sections or number of cores can be produced.

MULTIPAISED CABLES

