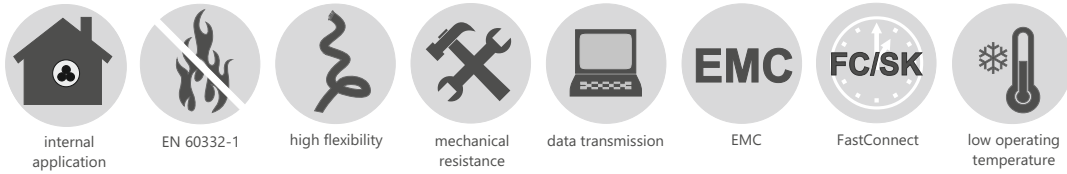


BiTsound® LP0500 Digital Hybrid Cable OFC

Flexible hybrid cable for transmitting digital signals



DMX CABLES

Technical data:

Operating temperature:

Fixed installation: -30°C to 70°C

Flexible connections: -5°C to 70°C

Min. installation temperature: -5°C

Capacitance (at 1kHz):

Conductor/conductor: ≤ 60nF/km

Conductor/screen: ≤ 115nF/km

Impedance: 110Ω±10

Min. insulation resistance (DMX cable): 1,0GΩxkm

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

Construction:

DMX cable:

Conductors: tinned copper conductors, multi-stranded (8x0,20)

Insulation: special PE

Core identification: red, white

Core arrangement: cores twisted together

Screen: aluminium backed polyester tape with tinned copper drain wire underneath and tinned copper wire braid with coverage min. 85%

Outer sheath: special PVC

Outer sheath colour: black

Hybrid:

Core arrangement: four DMX cables twisted together with fillers

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

Outer sheath colour: black, matt

Application:

BiTsound® LP0500 Digital Hybrid Cable OFC is suitable for transmission of digital signals e.g. in lighting or stage motion systems. It is double screened with tinned copper wire braid and AL/PET tape with additional drain wire what ensures very good protection against external interferences. The cable is dedicated to professional and studio applications. Matt outer sheath eliminates the light reflection effect.

BiTsound® LP0500 Digital Hybrid Cable OFC is classified in accordance with **EN 50575 (CPR)**.

Cable properties:

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

Cat. no.	Colour	nxmm ²	Nominal O.D. [mm]	Nominal weight [kg/km]	Max. resistance of power conductors DC at 20°C [Ω/km]
LP0500	black	4x(2x0,25)	14,3	226	79

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.

