

BiTsound® LP0218 Hybrid Cable Power 3G1,5 + Microphone 2x0,23 OFC

Flexible hybrid cable



internal application



EN 60332-1



high flexibility



low operating temperature

Technical data:

Operating temperature:

Fixed installation: -30°C to 70°C

Flexible connections: -5°C to 70°C

Min. installation temperature: -5°C

Test voltage (power cable, 50Hz): 2000V

Capacitance (microphone cable, 1kHz):

Conductor/conductor: ≤ 65nF/km

Conductor/screen: ≤ 130nF/km

Impedance (microphone cable): 85Ω±5

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

Min. insulation resistance (power cable): 20MΩxkm

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

Construction:

Microphone cable:

Conductors: bare copper conductors, multi-stranded (30x0,1)

Insulation: special PE

Core identification: red, natural

Core arrangement: cores twisted together with textile fillers

Screen: copper wire braid, coverage min. 90%

Outer sheath: special PVC

Outer sheath colour: black

Power cable:

Conductors: bare copper conductors, stranded class 5 acc. to EN 60228

Insulation: special PVC

Core identification: brown, blue, green-yellow

Core arrangement: cores twisted together

Screen: aluminium backed polyester tape with tinned copper drain wire

Outer sheath: special PVC

Outer sheath colour: black

Hybrid:

Core arrangement: microphone and power 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® LP0218 Hybrid Cable Power 3G1,5 + Microphone 2x0,23 OFC is a combination of microphone cable designed for transmitting analog signals and power cable. Matt outer sheath eliminates the light reflection effect.

BiTsound® LP0218 Hybrid Cable Power 3G1,5 + Microphone 2x0,23 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 conductor 1,5mm ² DC at 20°C [Ω/km]	Max. resistance of power conductor 0,23mm ² DC at 20°C [Ω/km]
LP0218	black	3G1,5+2x0,23	14,2	241	13,3	71,5

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.

