

BiTsound®INSTAL Speaker Cable LSOH OFC B2ca

Halogen-free speaker cable



Technical data:

Operating temperature: -30°C to 80°C

Min. installation temperature: -5°C

Test voltage 50Hz: 2000V

Min. insulation resistance: 20MΩxkm

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

Design:

Conductors: bare copper conductors

- Class 6 (1,5mm², 2,5mm², 4mm² acc. to EN 60228)

- Class 5 (6mm², 10mm², 16mm² acc. to EN 60228)

Insulation: special halogen-free compound

Core identification: 2 cores: black, red

4 cores: black, red, white, green

Core arrangement: cores twisted together

Filling sheath: halogen-free compound

Outer sheath: halogen-free polymer, self-extinguishing and flame retardant (acc. to EN 60332-1-2, IEC 60332-1-2, EN 60332-3-24, IEC 60332-3-24 cat. C and EN 60332-3-23, IEC 60332-3-23 cat. B), UV resistant

Outer sheath colour: black

Application:

Cables designed for operation in dry and damp rooms. They can be installed in sound distribution systems in large venues such as sports stadiums, amphitheatres, theaters and cinema halls. Cables are halogen-free, they do not emit smoke and significantly limit flame propagation during fire. They can be used both in indoor and outdoor installations. Classified in accordance with EN 50575 (CPR).

Cable properties:

- halogen free outer sheath
- flame retardance
- low smoke emission
- limited corrosive gases emission
- usage in places with increased fire safety requirements

Cat. no.	nxmm ²	Outer diameter* [mm]	Approximate cable weight [kg/km]	Max. resistance of power conductors DC at 20°C [Ω/km]
LP0420	2x1,5	8,5	114	12,80
LP0421	2x2,5	9,4	150	7,20
LP0422	2x4,0	11,4	229	4,35
LP0423	2x6,0	12,4	278	3,30
LP0425	4x6,0	14,4	423	3,30
LP0424	2x10	15,2	436	1,91
LP0426	4x10	17,7	671	1,91
LP0427	4x16	20,2	937	1,21

Cable Factory BITNER reserves the right to modify the specifications without prior notice.