

BITsound® INSTAL Speaker Cable OFC

Highly flexible speaker cable

SPEAKER CABLES



Technical data:

Operating temperature: -30°C to 80°C
Min. ambient temperature for fixed installations: -40°C
Min. installation temperature: -5°C
Test voltage 50Hz: 2000V
Min. insulation resistance: 20MΩxkm
Min. bending radius: 5xØ (Ø - cable diameter)

Construction:

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 PVC
Core identification: 2 cores: black, red
4 cores: black, red, white, green
Core arrangement: cores twisted together
Filling sheath: special PVC (only for cables with core sizes > 6mm²)
Outer sheath: special PVC, self-extinguishing and flame retardant acc. to EN 60332-1, UV resistant
Outer sheath colour: black

Application:

BITsound® INSTAL Speaker Cables OFC are characterized by high flexibility and increased transmission parameters. They can be installed in channels, cable trays or in plaster. Special UV and weather-resistant outer sheath enables outdoor installations as well as direct burial in ground. Cables are designed for internal and external applications. BITsound® INSTAL Speaker Cables OFC are classified in accordance with **EN 50575 (CPR)**.

Cable properties:

- high impact strength and flexibility at both room and low temperatures
- thermal stability

Cat. no.	nxmm ²	Outer diameter [mm]	Approximate cable weight [kg/km]	Cu [kg/km]	Max. resistance of power conductors DC at 20°C [Ω/km]
LP0250	2x1,5	7,5	86	28,8	12,80
LP0285	4x1,5	9,1	139	57,6	12,80
LP0204	2x2,5	8,5	121	48,0	7,20
LP0253	4x2,5	10,1	191	96,0	7,20
LP0205	2x4,0	10,5	190	76,8	4,35
LP0254	4x4,0	12,4	304	153,6	4,35
LP0206	2x6,0	11,6	237	115,2	3,30
LP0255	4x6,0	13,6	378	230,4	3,30
LP0234	2x10	16,2	475	192,0	1,91
LP0235	4x10	18,7	716	384,0	1,91
LP0236	2x16	18,2	637	307,2	1,21
LP0237	4x16	21,2	988	614,4	1,21

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.

