

BiTsound® Speaker Cable PUR OFC

Highly flexible, PUR sheathed speaker cable



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, multi-stranded class 6 acc. to EN 60228
Insulation: special PVC
Core identification: 2 cores: black, red
4 cores: black, red, white, green
8 cores: black, red, white, green, yellow, grey, violet, blue
Core arrangement: cores twisted together
Inner sheath: special PVC compound
Outer sheath: special PUR compound, oil resistant (EN 60811-404), resistant to hydrocarbons, industrial coolants, self-extinguishing and flame retardant acc. to EN 60332-1, UV resistant
Outer sheath colour: black, matt

Application:

BiTsound® Speaker Cables PUR OFC are characterized by increased transmission parameters, high flexibility and very good environmental and mechanical resistance. They can be installed in channels, cable trays or in plaster. Special black, matt UV and weather-resistant PUR outer sheath enables outdoor installations and eliminates the light reflection effect. Cables are also designed for internal, external and on-stage applications.

BiTsound® Speaker Cables PUR OFC are classified in accordance with **EN 50575 (CPR)**.

Cable properties:

- high impact strength and flexibility at both room and low temperatures
- thermal stability
- special black, matt outer sheath eliminating the light reflection effect
- high environmental and mechanical resistance

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]
LP0475	2x1,5	7,4	83	28,8	12,80
LP0481	4x1,5	9,3	139	57,6	12,80
LP0476	2x2,5	8,2	113	48,0	7,20
LP0482	4x2,5	10,5	196	96,0	7,20
LP0487	8x2,5	13,8	370	192,0	7,20
LP0477	2x4,0	10,2	181	76,8	4,35
LP0483	4x4,0	12,0	285	153,6	4,35
LP0488	8x4,0	16,6	572	307,2	4,35

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.

