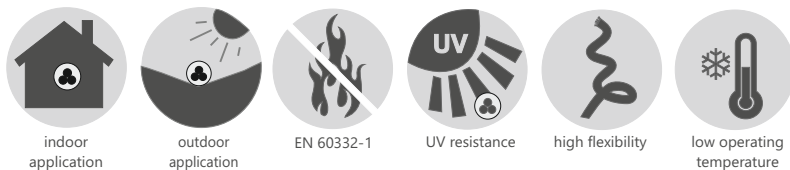


BiTsound® Power Cable 450/750V

Flexible, unscreened power cable



POWER CABLES

Technical data:

Operating temperature: -30°C to 80°C
Min. ambient temperature for fixed installation: -40°C
Min. installation temperature: -5°C
Test voltage 50Hz: 3500V
Min. insulation resistance: 20MΩxkm
Min. bending radius: 5xØ (Ø - cable diameter)

Construction:

Conductors: bare copper conductors, stranded class 5 acc. to EN 60228
Insulation: special PVC
Core identification: brown, blue, black, grey, green-yellow
Core arrangement: cores twisted together
Outer sheath: special PVC, self-extinguishing and flame retardant acc. to EN 60332-1; UV-resistant
Outer sheath colour: black, matt

Application:

BiTsound®Power Cables 450/750V are designed for supplying power to low voltage electric and portable devices. They are suitable for indoor and outdoor installations in places exposed to UV-radiation and other atmospheric conditions. Matt outer sheath eliminates the light reflection effect.
 BiTsound®Power Cables 450/750V are classified in accordance with **EN 50575 (CPR)**.

Cable properties:

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

Cat. no.	nxmm ²	Nominal O.D. [mm]	Nominal weight [kg/km]	Cu index [kg/km]	Max. resistance of power conductors DC at 20°C [Ω/km]
LP0610	5G4,0	14,0	365	192	4,95
LP0611	5G6,0	15,7	485	288	3,30
LP0612	5G10	18,8	758	480	1,91

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.

