

HELUSOUND® Speaker Cable PH 30 LSZH

speaker cable, halogen-free, high-flexible, circuit integrity 30 min



HELUSOUND® PH30 LSZH Lautsprecherkabel 4x2,5

Technical data

- **Temperature range**
flexible -20°C to +90°C
fixed installation -30°C to +90°C
- **Nominal voltage**
U₀/U 100/100 V
- **Test voltage**
2500 V
- **Minimum bending radius**
fixed 15 x cable Ø
- **Insulation resistance**
> 500 GΩxkm
- **Conductor resistance**
4x2,5mm²: 8,0 Ω/km
4x4mm²: 4,9 Ω/km
- **Mutual capacitance**
4x2,5mm²: 140 pF/km
4x4mm²: 120 pF/km
- **Inductance**
0,65 mH/km

Cable structure

- Bare copper, extra fine wire conductors
acc. to DIN VDE 0295 cl.6 / IEC 60228 cl.6
- Core insulation: silicone
- Core identification colour code:
red, black, blue, white
- Outer sheath: LS0H
- Outer sheath colour: black

Properties

- Circuit integrity in the case of fire
min. 30 min (PH30)

Tests

- Fire resistant acc. to EN 50200 PH30
with circuit integrity for 15 min. at fire and
mechanical shock at 830°C, further 15 min.
at fire, mechanical shock and water
- Flame retardant acc. to
DIN VDE 482-332-1-2,
DIN EN 60332-1-2, IEC 60332-1-2
- Flame test on bunched wires acc. to
DIN VDE 0482-332-3-25 /
DIN EN 60332-3-25 / IEC 60332-3-25
(Cat. D, 20 min.)
- Halogen-free acc. to
DIN VDE 0482-754-1 /
DIN EN 60754-1 / IEC 60754-1
- Corrosiveness of combustion gases
acc. to DIN VDE 0482-754-2 /
DIN EN 60754-2 / IEC 60754-2
- Smoke density acc. to
DIN VDE 0482-1034-1+2 /
DIN EN 61034-1+2 / IEC 61034-1+2
- Cable construction acc. to CEI UNEL 36762

Note

- Galvanized steel wire armouring
(SWA) upon request
- Other core identification upon request

Application

Very flexible and fire resistant speaker cable with circuit integrity in the case of fire for 30 min. Therefore, the function of speaker systems e.g. for the security announcements can be maintained and safety in the building is enhanced.

CE = Product complies to the Low-Voltage Directive 2014/35/EU.

Part no.	No. cores x cross-sec. mm ²	Outer Ø app. mm	Copper weight kg / km	Weight app. kg / km
11008297	4 x 2,5	10,2	114,0	150
11008298	4 x 4	12,2	182,0	200

Dimensions and specifications may be changed without prior notice.