# FRHF / BFXI

## Copper power cable FRHF

## 0,6/1 (1,2) kV




Fire-resistant power cable for fixed installations indoors and outdoors. Not to be laid in soil nor directly in cast concrete. For locations where safety requires the operation of alarm, control, signalling and energy circuits also during a fire. The conductor insulation must be protected against UV-radiation. Installations must be in accordance with national regulations and rules of installations. No requirement for CPR-classification.

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| **Additional information** | IEC 60331-1, -2 EN 50200, EN 50362 Fire-resistant with shock, 120 min.<br>EN/IEC 60332-3-22 Flame retardant in a bunch, Category A<br>EN/IEC 61034 Low smoke density<br>EN/IEC 60754 Halogen-free, non-corrosive |
| **Standards** | SFS 5545, HD 604 5 D, IEC 60502-1 |
| **Product Environmental Profile (PEP/EPD)** | PEP NXNS-00708-V01.01-EN |
| **(A1-A3) GWP emission kgCO2e/km** | 587 |
| **The product is a declared item in the Supply Chain Declaration Portal (or short ”SCDP”) for New Buildings generation 4** | Yes |
| **Conductor** | Circular solid copper, EN/IEC 60228 class 1 |
| **Insulation** | Cross-linked polyethylene XLPE and mica-tape |
| **Core identification** | Blue, brown |
| **Oversheath** | UV-protected polyolefin compound, Orange |
| **Product code** | 1146543 |
| **Size** | 2x2,5 N |
| **Nominal cable diameter mm** | 12 |
| **Nominal cable weight kg/km** | 201 |
| **During handling and installation, cable cm** | 14 |
| **In final installation, cable cm** | 10 |
| **Max. DC resistance of conductor at 20 °C Ω/km** | 7,41 |
| **Max. conductor temperature °C** | 90 |
| **Max. cond. temp. short circuit max. 5 s °C** | 250 |
| **Min. cable temperature during handling °C** | -15 |
| **standard packing m** | Bundle 100 |
| **Electricity number** | 6438176301739 |
| **EAN code** | 6438176301739 |

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