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# FRHF-EMC / BFSI-EMC

## Copper power cable EMC FRHF

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




Fire-resistant EMC power cable for fixed installations indoors and outdoors. May be buried directly in soil. EMC shielded cable gives an excellent protection against electromagnetic disturbancies. 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<br>EN 50289-1-6 Electromagnetic performance |
| **Standards** | SFS 5547, HD 604 5 D |
| **Product Environmental Profile (PEP/EPD)** | PEP NXNS-00611-V01.01-EN |
| **(A1-A3) GWP emission kgCO2e/km** | 901 |
| **Conductor** | Circular solid copper, EN/IEC 60228 class 1 |
| **Insulation** | Cross-linked polyethylene XLPE and mica-tape |
| **Core identification** | Brown, black, grey |
| **Oversheath** | UV-protected polyolefin compound, Orange |
| **Product code** | 1146631 |
| **Size** | 3x2,5/2,5 |
| **Nominal cable diameter mm** | 14 |
| **Nominal cable weight kg/km** | 286 |
| **During handling and installation, cable cm** | 16 |
| **In final installation, cable cm** | 11 |
| **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** | Drum 500 |
| **Electricity number** | 6438176009437 |
| **EAN code** | 6438176009437 |

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