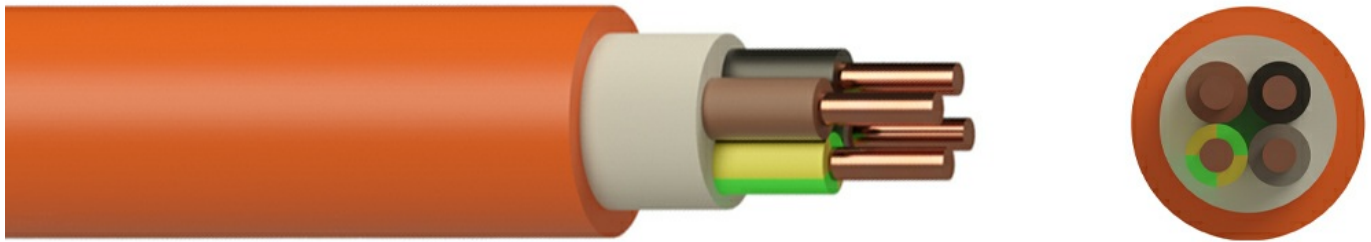


## NHXH E90/FE180 4G1.5 CL-2 RM 0.6/1kV



### Description

NHXH is a safety cable that can be used in all locations, private or public, where a high degree of protection against fire and fire-damage has to be provided for human life and equipment and are, therefore, subject to high security requirements. Suitable for permanent installation in dry, damp and wet rooms above, on, in and under plaster, as well as in masonry and concrete. They are also suitable for outdoor installation and in the ground but with additional mechanical protection.

### Core Identification

- 1 core: Black
- 2 core: Blue, Brown
- 3 core: Green/Yellow, Blue, Brown
- 3 core: Brown, Black, Grey
- 4 core: Green/Yellow, Brown, Black, Grey
- 4 core: Brown, Black, Grey, Blue
- 5 core: Green/Yellow, Blue, Brown, Black, Grey
- 6 core and above: Black with White numbers, Green/Yellow

### Standards

- DIN VDE 0266
- DIN VDE 0276-604
- DIN VDE 0472 - 814
- DIN 4102-12
- EN 60228
- IEC/EN 60332-3-24

### Construction

- Conductor:** RE: Class 1 solid copper; RM: Class 2 stranded copper
- Insulation:** Flame protecting wrapping, LSZH
- Inner Sheath:** LSZH
- Outer Sheath:** LSZH

The above design is only a sample of the options available, for reference purposes only. Our policy of continuous improvement may result in a change of specifications without notice. If any discrepancies might be between the data sheet values and standards, we reserve the rights to make technical changes. Our company will not be held responsible, as all or any of pictures, drawings, weights and dimensions details or other elements in this document are only indicative and must not be considered contractual. Contact our sales team for other specifications or custom made products.

Specifications

|  |  |
|--|--|
| Cable Type                             | Multi Core                             |
| Cable Overall Diameter                 | 12                                     |
| Cable Weight                           | 204                                    |
| Conductor Material                     | Copper                                 |
| Number of Conductors                   | 4                                      |
| Conductor Cross-Section                | 1.5                                    |
| Conductor Weight                       | 52.37                                  |
| Conductor Class                        | CL-2                                   |
| Conductor Type                         | RM                                     |
| Insulation Material                    | HFFR                                   |
| Filling Material                       | HFFR                                   |
| Outersheath Material                   | HFFR                                   |
| Rated Voltage (Uo/U)                   | 0.6/1                                  |
| Max. Permissible Operating Temperature | -5 >< +90                              |
| Working Temperature                    | -5 >< +90                              |
| Short Circuit Temperature              | 250                                    |
| Minimum Bending Radius (Installing)    | 15xD                                   |
| Minimum Bending Radius (Operating)     | 12xD                                   |
| Packing                                | Wooden Drum, Plywood Drum, Coil, Rolls |
| Delivery Lengths                       | To be confirmed by offer               |
| Delivery Length Tolerance              | ±5%                                    |

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