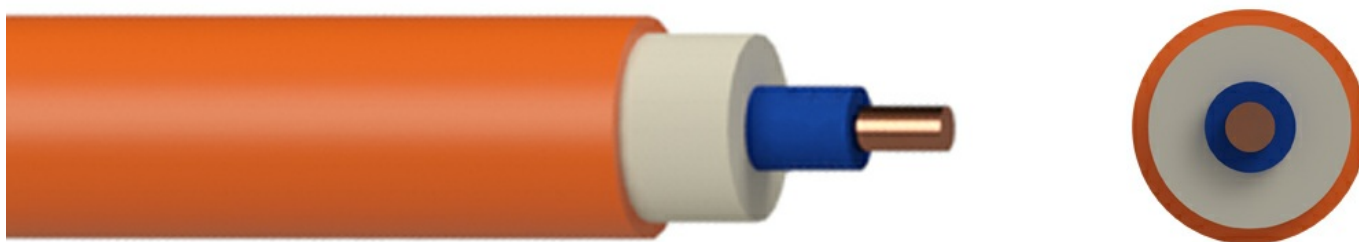


## NHXH E90/FE180 1x6 CL-2 RM 0.6/1kV



### 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.

### Standards

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

### 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

### Construction

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

Specifications

Cable Type	Single Core
Cable Overall Diameter	8.9
Cable Weight	141.5
Conductor Material	Copper
Number of Conductors	1
Conductor Cross-Section	6
Conductor Weight	51.3
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%

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.