

## FRHF Power

Copper power cable FRHF

0.6/1 (1.2) kV



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. Halogen free and flame retardant.

<b>Additional information</b>	IEC 60331-21 Fire resistant, 180 min. IEC 60331-1, -2 EN 50200, EN 50362 Fire resistant with shock, 90 min. IEC 60332-3-22 EN 60332-3-22 Flame retardant in a bunch, Category A IEC 61034 EN 61034 Low smoke density IEC 60754 EN 60754 Halogen free, non corrosive EN 50289-1-6 Electromagnetic performance
<b>Standards</b>	HD 604 S1:1994/A3:2005 5-D; IEC 60502-1:2004 Applicable parts
<b>Conductor</b>	1,5...4 mm <sup>2</sup> circular solid copper, EN/IEC 60228 class 1 6...50 mm <sup>2</sup> circular stranded copper, EN/IEC 60228 class 2
<b>Insulation</b>	Halogen free XLPE, mica tape
<b>Core Identification</b>	blue, brown  brown, black, grey  yellowgreen, blue, brown  yellowgreen, blue, brown, black (1,5 and 2,5 mm <sup>2</sup> )  yellowgreen, brown, black, grey (4 mm <sup>2</sup> )  yellowgreen, blue, brown, black, grey
<b>Oversheath</b>	UV-protected, halogen free polyolefin compound , orange
<b>Size</b>	4G50
<b>Product code</b>	1146566
<b>Voltage</b>	0.6/1 (1.2) kV
<b>Nominal diameter of complete cable mm</b>	31
<b>Nominal weight of cable kg/km</b>	2472
<b>Min. bending radius, handling mm</b>	372

<b>Min. bending radius, final bending mm</b>	260
<b>Max. pulling force by pulling-eye kN</b>	3
<b>Maximum DC resistance at 20 °C <math>\Omega</math>/km</b>	0.387
<b>Min. cable temperature during handling °C</b>	-15
<b>Max. conductor temperature °C</b>	90
<b>Max. cond. temp. short circuit max. 5 s °C</b>	250
<b>standard packing m</b>	Drum 500
<b>Electricity number</b>	6438176302262
<b>EAN code</b>	6438176302262

