



## Novosafe LKM-FRHF

Fire resistant halogen free control and power cable

### Specification

<b>APPROVALS</b>	ABS, BV, CCS, CRS, DNV, LR, NK, RINA
<b>RATED VOLTAGE UO/U</b>	AC 0,6/1kV / DC 0,9/1,5kV
<b>CONDUCTOR CLASS</b>	≤10mm <sup>2</sup> Class 2 = stranded wires / ≥16mm <sup>2</sup> Class 5 = fine stranded wires
<b>CONDUCTOR MATERIAL</b>	Copper
<b>CORE INSULATION</b>	Mica tape and XLPE
<b>CORE IDENTIFICATION</b>	2 cores Brown+Blue 3 cores Brown+Blue+Green/Yellow 4 cores Brown+Black+Grey+Green/Yellow 5 cores Brown+Black+Grey+Blue+Green/Yellow ≥7 cores Black with numerals
<b>PROTECTIVE CONDUCTOR</b>	Yellow/Green
<b>OUTER SHEATH</b>	Polyolefin SHFI
<b>SHEATH COLOUR</b>	Orange
<b>BENDING RADIUS FIXED</b>	6 x cable diameter
<b>MIN OPERATING TEMPERATURE FIXED</b>	-40°C
<b>MAX OPERATING TEMPERATURE FIXED</b>	+80°C
<b>LOWEST INSTALLATION TEMPERATURE</b>	-15°C
<b>MAX TEMPERATURE AT CONDUCTOR</b>	+90°C
<b>HALOGEN-FREE ACC. TO</b>	IEC 60754
<b>SMOKE EMISSION</b>	IEC 61034
<b>FIRE RESISTANT</b>	IEC 60331-1, -2 (120 min 830°C)
<b>FLAME RETARDANT</b>	IEC 60332-1, IEC 60332-3-22

## Variants

E-NUMBER	DIMENSION N X MM <sup>2</sup>	OUTER DIAMETER MM	WEIGHT KG/100M
N4204020	2x1	8.5	7.5
N4205020	2x1.5	9	9
N4204030	3G1.5	9.5	11.5
N4204040	4G1.5	11	15
N4204050	5G1.5	12	18.5
N4204070	7G1.5	13	23
7x1,5	13	23	
N4204120	12G1.5	17.5	38
N4204190	19G1.5	20.5	56.5
N4204240	24G1.5	24.5	72.5
N4204270	27G1.5	25	79.5
N4204370	37G1.5	28	105
N4205030	3G2.5	11	16
N4205040	4G2.5	12	20
N4205050	5G2.5	13	24
N4205070	7G2.5	14.5	31.5
N4205120	12G2.5	19.5	51
N4205190	19G2.5	23	76.5
N4205240	24G2.5	27.5	99.5
N4205270	27G2.5	28	109.5
N4206020	2x4	11.5	16.5
N4206030	3G4	12.5	22
N4206040	4G4	13.5	28
N4206050	5G4	15	34.5
N4207020	2x6	13	26
N4207030	3G6	14	33
N4207040	4G6	15	40.5
N4207050	5G6	16.5	50.5
N4208040	4G10	18	61
N4208050	5G10	19.5	75
N4209040	4G16	20.5	86.5
N4209050	5G16	22.5	105
N4209140	4G25	26	133
N4209150	5G25	28.5	164

N4209240	4G35	28.5	179
N4209250	5G35	31.5	221.5
N4209340	4G50	34.5	253
N4209350	5G50	38	312
N4209440	4G70	39	347.5
N4209540	4G95	46	461.5