



## MMJ-HF/EXQ Light Pro/IFXI LX

Cable with Cu conductors, XLPE insulated and HFFR sheathed

### APPLICATION

The cable is a halogen free, XLPE-insulated and HFFR-sheathed house wiring cable with circular, copper conductors. For fixed surface and flush-mounted installations, indoors and outdoors. This cable is recommended for use in public and industrial settings whenever good fire retardant qualities, reduced fumes, toxic and corrosive gases emissions are required in the case of fire.

### CONSTRUCTION

Conductors: Cu, according to EN 60228

Insulation: XLPE compound

Bedding: Halogen-free polyolefin compound

Sheath: HFFR compound, white, UV resistant

### CORE IDENTIFICATION

According to HD 308 S2

Insulation Color:

2-core: ● Brown ● Blue

3-core (a): ● Green/Yellow ● Brown ● Blue

3-core (b): ● Black ● Brown ● Grey

4-core (a): ● Green/Yellow ● Brown ● Black ● Grey

4-core (b): ● Blue ● Brown ● Black ● Grey

5-core: ● Green/Yellow ● Blue ● Brown ● Black ● Grey

Outer Sheath Colour:

○ White

*Other colours available on request*

### TECHNICAL CHARACTERISTICS

CPR Class: EXQ light/ /IFXI LX: Cca s1,d1,a1

MMJ-HF: Dca s1,d2,a1

Rated voltage: MMJ-HF (6-25 mm<sup>2</sup>): 450/750 V

EXQ Light/IFXI LX (1,5-2,5 mm<sup>2</sup>):  
300/500 V

Bending radius (min): 6xD

Min. handling temperature: -15°C

Min. laying temperature: -15°C

Max. conductor temperature: 90°C

Max. short-circuit temperature: 250°C

Fire properties: EN 50399 ; EN 60332-1-2

EN 60332-3-24 ; EN 60754-2 ; EN 61034-2

### STANDARD

SS 424 02 19-5; SFS 5544, NEK 591

### CERTIFICATION



| NOMINAL<br>CROSS-SECTION | MAX.<br>RESISTANCE AT 20°C | OUTER DIAM.<br>(APPROX.) | CABLE WEIGHT<br>(APPROX.) | (STANDARD LENGTHS/<br>PACKING) |
|--------------------------|----------------------------|--------------------------|---------------------------|--------------------------------|
| mm <sup>2</sup>          | Ω/km                       | mm                       | kg/km                     | m                              |
| 2x6                      | 3,08                       | 12,4                     | 269                       | 500 D, 1000 D                  |
| 2x10                     | 1,83                       | 14,1                     | 377                       | 500 D, 1000 D                  |
| 2x16                     | 1,15                       | 16,2                     | 537                       | 500 D, 1000 D                  |
| 3x1,5                    | 12,1                       | 7,6                      | 99                        | 500 D, 1000 D                  |
| 3x2,5                    | 7,41                       | 8,9                      | 144                       | 500 D, 1000 D                  |
| 3x6                      | 3,08                       | 13,1                     | 324                       | 500 D, 1000 D                  |
| 3x10                     | 1,83                       | 14,9                     | 461                       | 500 D, 1000 D                  |
| 3x16                     | 1,15                       | 17,2                     | 668                       | 500 D, 1000 D                  |
| 4x1,5                    | 12,1                       | 8,2                      | 117                       | 500 D, 1000 D                  |
| 4x2,5                    | 7,41                       | 9,6                      | 173                       | 500 D, 1000 D                  |
| 4x6                      | 3,08                       | 14,2                     | 390                       | 500 D, 1000 D                  |
| 4x10                     | 1,83                       | 16,5                     | 569                       | 500 D, 1000 D                  |
| 4x16                     | 1,15                       | 19,0                     | 829                       | 500 D, 1000 D                  |
| 5x1,5                    | 12,1                       | 8,9                      | 139                       | 500 D, 1000 D                  |
| 5x2,5                    | 7,41                       | 10,5                     | 207                       | 500 D, 1000 D                  |
| 5x6                      | 3,08                       | 15,5                     | 474                       | 500 D, 1000 D                  |
| 5x10                     | 1,83                       | 18,2                     | 702                       | 500 D, 1000 D                  |
| 5x16                     | 1,15                       | 20,7                     | 1017                      | 500 D, 1000 D                  |

