



MMJ-HF/EXQ Light Pro/IFXI LX

XLPE insulated and HFFR sheathed cable with Cu conductors

APPLICATION

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 environments where enhanced fire-retardant properties, reduced fumes, toxic and corrosive gases emissions are required in the case of fire.

CONSTRUCTION

Conductors: Cu, class 1 or 2 according to EN 60228

Insulation: XLPE compound

Bedding: Halogen-free polyolefin compound

Outer 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: Cca s1,d1,a1

Rated voltage: MMJ-HF (6-25 mm²): 450/750 V

EXQ Light/IFXI LX (1,5-2,5 mm²):
300/500 V

Min. bending radius: 6xD, D – overall diameter

Min. handling temperature: -15°C

Min. laying temperature: -15°C

Ambient (exploitation) temperature: -35°C to 40°C

Max. cond. operating 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 CROSS-SECTION	MAX. RESISTANCE AT 20°C	OUTER DIAM. (APPROX.)	CABLE WEIGHT (APPROX.)	(STANDARD LENGTHS/ PACKING)
mm ²	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
5x25	0,727	23,9	1967	500 D, 1000 D

