



# HIK-AL-M

Power cable 0,6/1 kV with Al conductors, XLPE insulated, with halogen-free sheath

## APPLICATION

Halogen-free UV resistant cable for fixed installation in buildings, channels, tubes, in open air and in the ground. The insulation must not be exposed to UV light. Installed acc. to The Danish Heavy Regulations.

## CONSTRUCTION

**Conductors:** : Al, class 1 according to EN 60228  
**Insulation:** XLPE compound  
**Bedding:** Extruded elastomere or plastomere compound or plastic tape  
**Sheath:** Halogen-free compound

## CORE IDENTIFICATION

According to HD 308 S2

**Insulation Color:**

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:**

● Grey

*Other colours available on request*

## TECHNICAL CHARACTERISTICS

CPR class: Dca

Test voltage: 4 Kv

Rated voltage: 0,6/1 kV

Bending radius (min): multicore - 15D

Min. laying temperature: -5°C

Max. short-circuit temperature: 250°C

Working temperature: -40°C to 90°C

Fire properties: EN 60332-1-2

Low smoke: acc. to EN 61304

## STANDARD

HD 603 S1, p.5B, IEC 60502-1

## CERTIFICATION



NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	OUTER DIAMETER	METAL WEIGHT	CABLE WEIGHT (APPROX.)
mm <sup>2</sup>		Ω/km	A	A	mm	kg/km	kg/km
4x10	RE	3,08	50	66	16,3	116,0	230
4x16	RE	1,910	80	78	18,0	185,6	325
4x25	RE	1,200	102	112	22,1	290,0	485
4x50	SE	0,641	149	158	26,0	580,0	832
4x95	SE	0,320	234	234	33,6	1102,0	1474
4x150	SE	0,206	311	300	42,0	1740,0	2301
4x240	SE	0,125	427	398	52,1	2784,0	3632
5G10	RE	3,08	50	66	17,7	145,0	278
5G16	RE	1,910	80	70	20,0	232,0	390
5G25	RE	1,200	102	112	24,0	362,5	580

