



# HIK-AL-S

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.

## TECHNICAL CHARACTERISTICS

Test voltage: 4 Kv  
 Rated voltage: 0,6/1 kV  
 Bending radius (min): multicore- 15D  
 Min. laying temperature: -0°C to 50°C  
 Max. short-circuit temperature: 250°C  
 Working temperature: -40°C to 90°C  
 Fire properties: EN 60332-1-2

## CONSTRUCTION

Conductors: : Al, class 2 according to EN 60228  
 Insulation: XLPE compound  
 Bedding: Extruded elastomere or plastomere compound or plastic tape  
 Sheath: Halogen-free compound

## STANDARD

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

## 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*

## CERTIFICATION



International  
 Electrotechnical  
 Commission



ARTICLE NUMBER	NOMINAL CROSS-SECTION	CONDUCTOR CONSTRUCTION	MAX. RESISTANCE AT 20°C	CURRENT CAPACITY IN AIR	CURRENT CAPACITY IN EARTH	METAL WEIGHT	CABLE WEIGHT (APPROX.)
	mm <sup>2</sup>		Ω/km	A	A	kg/km	kg/km
1246790	1G50	RM	0,641	161	12,4	145	236
1246792	1G70	RM	0,443	204	14,0	203	311
1246794	1G95	RM	0,320	252	15,8	276	405
1246796	1G120	RM	0,253	295	17,4	348	496
1246798	1G150	RM	0,206	339	19,2	435	609
1246800	1G185	RM	0,164	395	21,3	537	749
1246802	1G240	RM	0,125	472	23,7	696	941
1246806	1x300	RM	0,100	547	26,9	870	1210
1247973	4G16	RM	1,910	-	18,0	182,6	325
1247976	4G25	RM	1,200	102	22,0	290	485
1247980	4x50	SM	0,641	149	27,7	580	900
1247982	4x70	SM	0,443	191	31,0	812	1180
1247984	4x95	SM	0,320	234	35,1	1102	1450
1247986	4x120	SM	0,253	273	42,0	1392	1945
1247988	4x150	SM	0,206	311	43,6	1740	2210
1247990	4x185	SM	0,164	360	48,0	2146	2925
1247992	4x240	SM	0,125	427	53,7	2784	3485
1247994	4x300	SM	0,100	507	59,0	3480	4575
1247997	5G16	RM	1,910	-	20,0	232	390
1247999	5G25	RM	1,200	102	24,0	362,5	580
	5G35	RM	0,868	126	26,9	507,5	846

