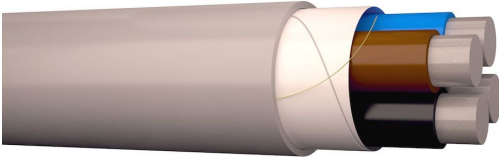


Installation cables max. 0,6/1kV

## HIK-AL-M 1 kV



### 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.

### Flame retardance

IEC 60332-1-2 - Vertical flame propagation for a single insulated wire or cable

### Approval

CE

### Standard

HD 603 Part 5 Section B  
IEC 60502-1  
IEC 60228  
IEC 60754-1

IEC 60754-2

IEC 61034  
EN 50575:2014

Construction standard  
Construction Standard  
Conductor standard  
Test on gases evolved during combustion of electrical cables. Part 1: Determination of the amount of halogen acid gas.  
Test on gases evolved during combustion of electrical cables. Part 2: Determination of degree of acidity of gases evolved during the combustion of materials taken from electric cables by measuring pH and conductivity.  
Smoke density  
Power, control and communication cables - Cables for general applications in construction works subject to reaction to fire requirements

### Construction

Cable Shape	Round
Conductors	Aluminum, solid, acc. to IEC 60228. 16 - 25 mm <sup>2</sup> round solid. 50 - 240 mm <sup>2</sup> sector shaped solid
Conductor Insulation	XLPE
Marking of cores	4 cores: Blue, brown, black, grey 5 cores: Yellow/green, blue, brown, black, grey
Ripcord	16 - 25 mm <sup>2</sup> cables have a rip cord under the sheath
Outer Sheath	Halogen free compound

### Temperature

Maximum operating Temperature	90°C
Minimum operating Temperature for cable type	- 40°C
[°C]	
Temperatures at installation [°C]	min. -0°C to 50°C

### Features

CPR Performance class	Class Eca DOP no. for 16 - 25 mm <sup>2</sup> 1002845 DOP no. for 50 - 240 mm <sup>2</sup> 1004273 <a href="https://dk.prysmiangroup.com/dop">https://dk.prysmiangroup.com/dop</a>
UV resistance	UV resistant
Additional Feature Information	HD 64364-5-52:2011 table B.52.13
Bending radius	15 x D
REACH/SVHC declaration	Meet the demand for REACH
RoHS declaration	Meet the demand for RoHS

**Electrical**

Max. short circuit temperature [°C]

250 °C

Test Voltage [kV]

4 kV AC

Conductors and screen area [mm <sup>2</sup> ]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	EAN/GTIN number	Max current load in air [A]
4x16	18	325	500	T500	4741532901002	77
4x25	22	485	500	T500	4741532901026	97
5G16	20	390	500	T500	4741532901019	77
5G25	24	580	500	T500	4741532901033	97
4x50	25,4	775	1000	T1000	5701498014849	146
4x95	33,2	1393	1000	T1000	5701498014887	227
4x150	40,1	2104	1000	T1000	5701498014931	304
4x240	49,7	3485	1000	T1000	5701498014986	409