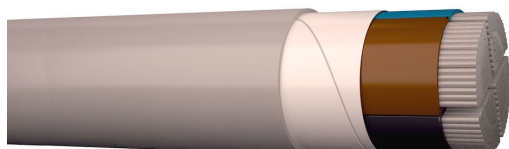


Installation cables max. 0,6/1kV

HIK-AL-S 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 - Fire propagation class

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 acc. to IEC 60228 Cl. 2,
50-240mm² Strandet, sector shaped

Conductor Insulation

XLPE

Filler

Tape

Marking of cores

4 cores: Blue, brown, black, grey

Outer Sheath

Halogen free compound

Temperature

Maximum operating Temperature

90°C

Minimum operating Temperature for cable type

[°C]

- 40°C

Temperatures at installation [°C]

min. -20°C to 50°C

Features

CPR Performance class

Eca - DOP no. 1002844

<https://dk.prysmiangroup.com/dop>

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]
Test Voltage [kV]

250 °C
4 kV AC

Conductors and screen area [mm ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Standard delivery length [m]	Delivery Package	EAN/GTIN number	Max current load in air [A]
4x50	27,7	900	1000	T1000	5701498014719	146
4x70	31	1180	1000	T1000	4741532901040	187
4x95	35,1	1450	1000	T1000	5701498014726	227
4x120	42	1945	1000	T1000	4741532901057	263
4x150	43,6	2210	1000	T1000	5701498014733	304
4x185	48	2925	1000	T1000	4741532901064	347
4x240	53,7	3485	500	T500	5701498014740	409
4x300	59	4575	500	T500	4741532900043	471