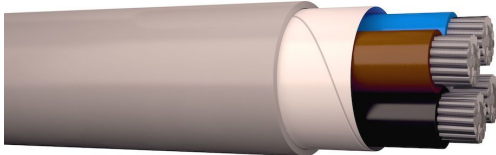


Power Cables 1kV

HIK-AL-R 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 60754-2

Construction standard
Construction Standard
Conductor standard

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.

IEC 60754-1

Test on gases evolved during combustion of electrical cables. Part 1: Determination of the amount of halogen acid gas.

IEC 61034

Smoke density

Construction

Cable Shape
Conductors
Conductor Insulation
Marking of cores
Outer Sheath

Round
Aluminum acc. to IEC 60228 Cl. 2, Round stranded conductor
XLPE
4 core: Blue, brown, black, grey
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. 1002843
<https://dk.prysmiangroup.com/dop>

UV resistance
Additional Feature Information
Bending radius
REACH/SVHC declaration
RoHS declaration

UV resistant
HD 64364-5-52:2011 table B.52.13
15 x D
Meet the demand for REACH
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]	Delivery Package	EAN/GTIN number	Max current load in air [A]
4x50	30	980	T1000		146
4x95	39	1720	T1000		227
4x150	47	2575	T1000		304
4x240	59	4070	T1000		409