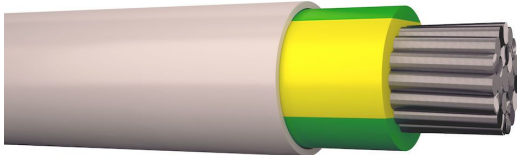


Power Cables 1kV

HIKJ-AL 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

IEC 60502
IEC 60228
IEC 60754-1

IEC 60754-2

IEC 61034

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

Construction

Cable Shape	Round
Conductors	Aluminum Cl. 2
Conductor Insulation	XLPE
Marking of cores	1 core: Yellow/green
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. 1002846
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 ²]	Diameter over sheath [mm]	Cable weight [kg/km]	Delivery Package	EAN/GTIN number	Max current load in air [A]
1G50	12,81	217	T500	5701498016034	146
1G70	14,61	289	T500	5701498016041	187
1G95	16,42	371	T500	5701498016058	227
1G120	18,17	465	T500	5701498016065	263
1G150	20,22	559	T500	5701498016072	304
1G240	24,84	878	T500	5701498016089	409