



Application

Halogen free installation cable with flexible conductors for applications where an excellent flexibility and good fire performance is required. For fixed installation indoors and outdoors and buried in the earth. Alukaflex ECO is listed in the database for building products that can be used in Nordic Swan Ecolabelled buildings.

Conductor	Flexible aluminium conductor principally like IEC 60228 class 5
Insulation	XLPE
Core marking	Colour code acc. to HD 308
Filler	Halogen free
Sheath	Light grey halogen free compound, UV resistant, meter marked
Ambient temp. at installation	Min -5°C
Conductor temperature	Max 90°C
Short circuit temperature	Max 250°C
Min. bending radius	6X D
Rated voltage	0,6/1 kV
Test voltage	3,5 kV
Flame retardant	EN 60332-1
CPR fire class	4x10 – 4x35 mm ² Eca 5G10 – 5G35 mm ² Eca
Halogen free	EN 60754
Smoke density	EN 61034
Meets RoHS and REACH	
Approval	CE-marked acc. to Low Voltage Directive
Design	IEC 60502-1

Dimension • Weight

No of cond. x cross section mm²	Nom. diameter mm	Cable weight kg/km	Delivery length m	Item number
4X10	18,4	348	500	50099500
4X16	22,3	489	500	50099505
4X25	26,4	684	500	50099510
4X35	30,6	877	500	50099515
5G10	19,9	421	500	50099600
5G16	24,4	598	500	50099605
5G25	28,9	846	500	50099610
5G35	33,5	1093	500	50099615