



### ***Application***

Halogen free installation cable with flexible conductors for applications where a better flexibility or better 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	1x25 – 1x500 mm <sup>2</sup> Dca – s2, d2, a1 4x50 – 4x500 mm <sup>2</sup> Dca – s1, d2, a1 5G50 – 5G500 mm <sup>2</sup> Dca – s1, d2, a1
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 mm <sup>2</sup>	Nom. diameter mm	Cable weight kg/km	Delivery length m	Item number
1X25	12,1	169		50100000
1X35	13,8	209		50100010
1X50	15,3	266	T500	50100020
1X70	17,5	352	T500	50100030
1X95	19,3	437	T500	50100040
1X120	21,6	540	T500	50100050
1X150	24,5	668	T500	50100060
1X185	26,3	806	T1800	50100070
1X240	29,5	999	T1400	50100080
1X300	32,5	1218	T1200	50100090
1X400	36,7	1597	T900	50100100
1X500	41,1	1966	T500	50100110
4X50	34,4	1108	T500	50100150
4G50	34,4	1108	T500	50100155
4X70	39,6	1485	T500	50100160
4G70	39,6	1485	T500	50100165
4X95	44,3	1882	T500	50100170
4G95	44,3	1882	T500	50100175
4X120	49,6	2347	T500	50100180
4X150	56,4	2910	T500	50100185
4X185	60,8	3516	T400	50100190
4X240	68,8	4460	T250	50100195
4X300	76,0	5455		50100200
4X400	85,3	7045		50100205
4X500	95,8	8735		50100210
5G50	38,1	1357	T1000	50100230
5G70	43,9	1819	T750	50100235
5G95	49,0	2308	T600	50100240
5G120	55,0	2877	T500	50100245
5G150	62,7	3598	T350	50100250
5G185	67,5	4344	T250	50100255
5G240	76,4	5506		50100260
5G300	84,4	6732		50100265
5G400	94,7	8694		50100270
5G500	106,6	10830		50100275