

Halogen-free Wiring Cable, Type NOIK-AL-FLEX BANEDANMARK

Conductor: Aluminum conductor
Similar to IEC60228 class 5

Insulation: XLPE

Color of core: Green/yellow or black

Outer sheath: Thermoplastic compound

Colour of sheath: Green/yellow or black

Tested according to:

Fire conditions:	IEC 60332-1
Smoke density:	IEC 61034
Emission of corrosive gases:	IEC 60754-1
Conductivity-pH changes:	IEC 60754-2
UV resistance:	ISO 4892-3

Theoretical estimated lifetime: 20 years depending on load.

UV resistance: Tested acc. to DS/EN ISO 4892-3[3] (UVA-340) equivalent to a shelf life of 20 years.

Marking of sheath: x NKT x "Number of cores, cross section", NOIK-AL-FLEX BANEDANMARKS EJENDOM "banedanmark nr." "cross section" and "Week and Year" "Meter"

Rated voltage: 1 kV

Guaranteed test voltage: 4 kV AC

Halogen-free Wiring Cable, Type NOIK-AL-FLEX BANEDANMARK

Max. conductor temperature:	90°C
Max. short circuit temperature:	250°C
Short circuit (Ik):	18 kA in 45 milli sec.
Standard:	Dimensions according to IEC 60502-1 and – Banedanmarks requirements
Application:	Installation in buildings, in channels, in open air and underground
Min. laying temperature:	-5°C

Number of cores and cross section mm ²	Number and diameter of aluminum wires per conductor mm	Insulation thickness nom. mm	Thickness of sheath nom. mm	Outer diameter		Approx. weight per km kg	Banedanmark NR.	EL-NR.
				Nom. mm	Max. mm			
1 G 120	578x0,51	1,2	1,5	19,7	20,3	605	183362120	3033923465
1 X 150	764x0,51	1,4	1,6	22,5	23,2	711	183361150	3033923588
1 X 240	1170x0,51	1,7	1,8	27,5	28,3	912	183361240	3033923478

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Halogen-free Wiring Cable, Type NOV-T-AL Flex BANEDANMARK

Conductor:	Stranded aluminum conductor Similar to IEC 60228 cl. 5	
Insulation:	Thermoplastic compound	
Color of insulation:	"G": Green/yellow or "X": Black	
Tested according to:	Fire conditions:	IEC 60332-1
	Smoke density:	IEC 61034
	Emission of corrosive gases:	IEC 60754-1
	Conductivity-pH changes:	IEC 60754-2
	UV resistance:	ISO 4892-3
Theoretical estimated lifetime:	20 years depending on load.	
UV resistance:	Tested acc. to ISO 4892-3[3] (UVA-340) equivalent to a shelf life of 20 years.	
Marking of sheath:	x NKT x "Number of cores, cross section", NOVT-AL Flex BANEDANMARKS EJENDOM 1833 60 "cross section" and "Month and Year" "Meter"	
Rated voltage:	1 kV	
Guaranteed test voltage:	4 kV AC	
Max. conductor temperature:	90°C	

Halogen-free Wiring Cable, Type NOV-T-AL Flex BANEDANMARK

Max. short circuit
temperature: 250°C

Short circuit (Ik): 18 kA in 45 milli sec.

Standard: Dimensions according to IEC 60502 and –
Banedanmarks requirements

Min. laying
temperature: -5°C

Number of cores and cross section mm ²	Number and diameter of aluminum wires per conductor mm	Thickness of sheath nom. mm	Outer diameter		Approx. weight per km kg	Banedanmark NR.	EL-NR.
			Nom. mm	Max. mm			
1 G 16	77 x 0,49	1,4	8,1	9,0	86	-	-
1 G 50	247 x 0,51	1,4	12,1	12,9	173	183362050	3033923481
1 G 70	338 x 0,51	1,4	14,0	14,8	231	183362070	3033923494
1 X 70	338 x 0,51	1,4	14,0	14,8	231	183361070	3033923504

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Halogen-free Wiring Cable, Type NOIK-CU-FLEX BANEDANMARK

Conductor:	Copper conductor IEC60228 class 5	
Insulation:	XLPE	
Color of core:	Green/yellow or black	
Outer sheath:	Thermoplastic compound	
Colour of sheath:	Green/yellow or black	
Tested according to:	Fire conditions:	IEC 60332-1
	Smoke density:	IEC 61034
	Emission of corrosive gases:	IEC 60754-1
	Conductivity-pH changes:	IEC 60754-2
	UV resistance:	ISO 4892-3
Theoretical estimated lifetime:	20 years depending on load.	
UV resistance:	Tested acc. to DS/EN ISO 4892-3[3] (UVA-340) equivalent to a shelf life of 20 years.	
Marking of sheath:	x NKT x "Number of cores, cross section", NOIK-CU-FLEX BANEDANMARKS EJENDOM "banedanmark nr." "cross section" and "Week and Year" "Meter"	
Rated voltage:	1 kV	
Guaranteed test voltage:	4 kV AC	

Halogen-free Wiring Cable, Type NOIK-CU-FLEX BANEDANMARK

Max. conductor
temperature: 90°C

Max. short circuit
temperature: 250°C

Standard: IEC 60502-1 and Banedanmark requirements

Application: Installation in buildings, in channels, in
open air and underground

Min. laying
temperature: -5°C

Number of cores and cross section mm ²	Number and diameter of copper wires per conductor mm	Insulation thickness nom. mm	Thickness of sheath nom. mm	Outer diameter		Approx. weight per km kg	Banedanmark NR.	EL-NR.
				Nom. mm	Max. mm			
1 G 70	589x0,41	1,1	1,5	16,7	17,5	709	-	-
1 X 150	1258x0,51	1,4	1,7	24,2	25	1469	-	-
1 X 630	-	2,4	2,2	48,2	49	6432	-	-

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Halogen-free Wiring Cable, Type NOV-T-CU Flex BANEDANMARK

Conductor:	Stranded copper conductor IEC 60228 cl. 5	
Insulation:	Thermoplastic compound	
Color of insulation:	"G": Green/yellow or "X": Black	
Tested according to:	Fire conditions:	IEC 60332-1
	Smoke density:	IEC 61034
	Emission of corrosive gases:	IEC 60754-1
	Conductivity-pH changes:	IEC 60754-2
	UV resistance:	ISO 4892-3
Theoretical estimated lifetime:	20 years depending on load.	
UV resistance:	Tested acc. to ISO 4892-3[3] (UVA-340) equivalent to a shelf life of 20 years.	
Marking of sheath:	x NKT x "Number of cores, cross section", NOVT-CU Flex BANEDANMARKS EJENDOM 1833 60 "cross section" and "Month and Year" "Meter"	
Rated voltage:	1 kV	
Guaranteed test voltage:	4 kV AC	
Max. conductor temperature:	90°C	

Halogen-free Wiring Cable, Type NOV-T-CU Flex BANEDANMARK

Max. short circuit
temperature: 250°C

Standard: Dimensions according to IEC 60502 and –
Banedanmarks requirements

Min. laying
temperature: -5°C

Number of cores and cross section mm ²	Number and diameter of aluminum wires per conductor mm	Thickness of sheath nom. mm	Outer diameter		Approx. weight per km kg	Banedanmark NR.	EL-NR.
			Nom. mm	Max. mm			
1 G 16	124 x 0,41	1,4	7,8	8,6	177	-	-
1 G 50	420 x 0,41	1,4	12,8	13,6	486	-	-
1 X 50	420 x 0,41	1,4	12,8	13,6	486	-	-

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