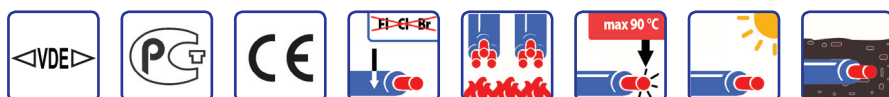


# N2XCH Afumex



**Primena:** Bezhalogeni, vatrootporni kabl za napajanje. Za fiksnu unutrašnju i spoljašnju montažu, kao i u betonu i za direktno poleganje u zemlju u eventualno poplavljenim područjima.

**Application:** Low- Smoke, zero-halogen flame retardant power cable. For fixed indoor and outdoor installation as well as in concrete, and for direct burial in ground in possibly flooded areas.

Materijal provodnika:	bakar	Conductor material:	bare copper
Konstrukcija provodnika:	klasa 1, od 25 mm <sup>2</sup> klasa 2	Conductor construction:	class 1, from 25 mm <sup>2</sup> class 2
Izolacija:	umreženi polietilen	Insulation:	XLPE
Koncentrični provodnik:	Cu	Concentric conductor:	Cu
Materijal plašta:	specijalno bezhalogeno jedinjenje	Sheathing material:	special FRNC compound
Boja spoljnog plašta:	crna	Color of outer sheath:	black
Otpornost na plamen:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)	Flame retardant:	VDE 0482-266-2-4/IEC 60332-3-24 (Kat. C)
Gustina dima:	DIN EN 61034/IEC 61034	Smoke density:	DIN EN 61034/IEC 61034
Bez halogena:	DIN EN 50267/IEC 60754	Halogen free:	DIN EN 50267/IEC 60754
Maksimalna temperatura u provodniku:	90 °C	Maximum temperature at conductor:	90 °C
Nominalni naponski nivo U <sub>0</sub> :	600 V	Nominal voltage U <sub>0</sub> :	600 V
Nominalni naponski nivo U:	1 kV	Nominal voltage U:	1 kV
Maks. dozvoljeni naponski nivo prilikom rada na trofaznoj struji:	1,2 kV	Max. permitted operating voltage in 3-phase systems:	1,2 kV

## N2XCH Afumex

Naziv kabla	Presek		OP	SOS	SOZ	SKS	Da	CU	T
Cable name	Cross section		Ω/km	A	A	kA	mm	kg/km	kg/km
N2XCH Afumex	02X1,5/1,5	RE	12,1	24	31	0,21	12	52	250
N2XCH Afumex	02X2,5/2,5	RE	7,41	32	40	0,36	12	80	280
N2XCH Afumex	02X4/4	RE	4,61	42	52	0,57	14	123	320
N2XCH Afumex	02X10/10	RE	1,83	74	86	1,43	17	312	550
N2XCH Afumex	02X16/16	RE	1,15	98	112	2,29	19	489	780
N2XCH Afumex	03X1,5/1,5	RE	12,1	24	31	0,21	12	66	250
N2XCH Afumex	03X2,5/2,5	RE	7,41	32	40	0,36	13	104	320

Naziv kabla	Presek		OP	SOS	SOZ	SKS	Da	CU	T
Cable name	Cross section		$\Omega/\text{km}$	A	A	kA	mm	kg/km	kg/km
N2XCH Afumex	03X4/4	RE	4,61	42	52	0,57	14	161	400
N2XCH Afumex	03X6/6	RE	3,08	53	64	0,86	16	240	500
N2XCH Afumex	03X10/10	RE	1,83	74	86	1,43	18	408	750
N2XCH Afumex	03X16/16	RE	1,15	98	112	2,29	21	643	1000
N2XCH Afumex	03X25/16	RM	0,727	133	145	3,58	24	902	1600
N2XCH Afumex	03X35/16	SM	0,524	162	174	5,01	27	1190	1900
N2XCH Afumex	03X50/25	SMv	0,387	197	206	7,15	30	1723	2400
N2XCH Afumex	03X70/35	SMv	0,268	250	254	10,01	34	2410	2615
N2XCH Afumex	03X95/50	SMv	0,193	308	305	13,59	38,1	3296	3636
N2XCH Afumex	03X120/70	SMv	0,153	359	348	17,16	42,5	4236	4606
N2XCH Afumex	03X150/70	SMv	0,124	412	392	21,45	47	5100	5552
N2XCH Afumex	03X185/95	SMv	0,0991	475	444	26,46	50	6383	6680
N2XCH Afumex	03X240/120	SMv	0,0754	564	517	34,32	57,1	8242	8964
N2XCH Afumex	04X1,5/1,5	RE	12,1	24	31	0,21	13	81	235
N2XCH Afumex	04X2,5/2,5	RE	7,41	32	40	0,36	14	128	302
N2XCH Afumex	04X4/4	RE	4,61	42	52	0,57	15	200	411
N2XCH Afumex	04X6/6	RE	3,08	53	64	0,86	17	297	527
N2XCH Afumex	04X10/10	RE	1,83	74	86	1,43	19	504	762
N2XCH Afumex	04X16/16	RE	1,15	98	112	2,29	22	796	1139
N2XCH Afumex	04X25/16	RM	0,727	133	145	3,58	27	1142	1634
N2XCH Afumex	04X35/16	SM	0,524	162	174	5,01	29	1526	2080
N2XCH Afumex	04X50/25	SMv	0,387	197	206	7,15	33	2203	2790
N2XCH Afumex	04X70/35	SMv	0,268	250	254	10,01	41	3082	3550
N2XCH Afumex	04X95/50	SMv	0,193	308	305	13,59	46	4208	4800
N2XCH Afumex	04X120/70	SMv	0,153	359	348	17,16	50	5388	6556
N2XCH Afumex	04X150/70	SMv	0,124	412	392	21,45	55	6540	7904
N2XCH Afumex	04X185/95	SMv	0,0991	475	444	26,46	62	8159	9950
N2XCH Afumex	04X240/120	SMv	0,0754	564	517	34,32	68	10546	12912

## Objašnjenje oznaka

<b>OP</b>	Otpor provodnika
<b>SOS</b>	Strujna opteretljivost (spolja)
<b>SOZ</b>	Strujna opteretljivost (u zemlji)
<b>SKS</b>	Struja kratkog spoja
<b>Da</b>	Spoljni dijametar
<b>Cu</b>	Težina bakra u kablu
<b>T</b>	Ukupna težina kabla

## Labels explanation

<b>OP</b>	Conductor resistance
<b>SOS</b>	Ampacity (in air)
<b>SOZ</b>	Ampacity (in ground)
<b>SKS</b>	Short circuit current
<b>Da</b>	Outer diameter
<b>Cu</b>	Copper weight
<b>T</b>	Total weight

Identifikacija žila	N2XCH Afumex			
Core identification				
žile	Boje			
cores	Colors			
2	pl/bl	br/bw		
3	br/bw	cr/bc	si/gr	
4	pl/bl	br/bw	cr/bc	si/gr

## Objašnjenje boja

<b>cr</b>	crna
<b>pl</b>	plava
<b>br</b>	braon
<b>si</b>	siva

## Color explanation

<b>bc</b>	black
<b>bl</b>	blue
<b>bw</b>	brown
<b>gr</b>	gray