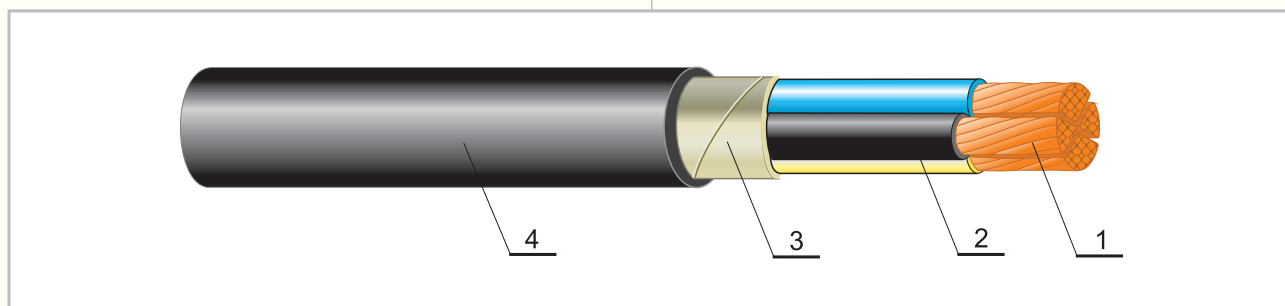


N2XY, NA2XY**ENERGETSKI KABELI S XLPE IZOLACIJOM I PVC PLAŠTEM****Stara oznaka:** XP 00, XP 00-A**Tipska oznaka po HRN HD:** N2XY, NA2XY**Tipska oznaka po DIN VDE:** N2XY, NA2XY**Tipska oznaka po IEC:** Cu/XLPE/PVC,
Al/XLPE/PVC**Norme:**HRN HD 603 S1 tip 5G
IEC 60 502-1
DIN VDE 0276 T 603**Nazivni napon:** 1 kV**Ispitni napon:** 4 kV**OPIS KONSTRUKCIJE**

- 1. Vodič:** uže od bakra tip **N2XY**
uže od aluminija tip **NA2XY**
- 2. Izolacija:** XLPE masa
- 3. Ispuna:** brizgana elastomerna ili plastomerna mješavina ili omotane termoplastične vrpce
- 4. Plašt:** PVC masa

Slika 6. Konstrukcija kabela tipa **N2XY** i **NA2XY****POWER CABLES WITH XLPE INSULATION AND PVC SHEATH****Old code:** XP 00, XP 00-A**Type code acc. to HRN HD:** N2XY, NA2XY**Type code acc. to DIN VDE:** N2XY, NA2XY**Type code acc. to IEC:** Cu/XLPE/PVC,
Al/XLPE/PVC**Standards:**HRN HD 603 S1 Part 5G
IEC 60 502-1
DIN VDE 0276 T 603**Nominal voltage:** 1 kV**Test voltage:** 4 kV**CONSTRUCTION DESCRIPTION**

- 1. Conductor:** copper rope type **N2XY**
aluminium rope type **NA2XY**
- 2. Insulation:** XLPE compound
- 3. Filling:** extruded elastomer or plastomer compound or wrapped thermoplastic tapes
- 4. Sheath:** PVC compound

Picture 6. Construction of cable type **N2XY** and **NA2XY**

MJESTO I PODRUČJE UPORABE

U zemlju, kanale, na konzole, u suhim i vlažnim prostorijama i sl., gdje se ne očekuju mehanička oštećenja, a kabeli nisu izloženi mehaničkom vlačnom istezanju.

U gradskim mrežama, industrijskim pogonima, elektranama i drugim električnim postrojenjima za povišena strujna i termička opterećenja (radna temperatura vodiča do 90° C). Za potrebe MTK sistema upravljanja u distribucijskim mrežama, kod četverožilnih kabela većih presjeka ugrađuje se u sredinu između žila kabela dodatni izolirani vodič 2,5 mm².

Tablica 6.5.1. Konstrukcijski podaci kabela **N2XY, NA2XY, N2X2Y** i **NA2X2Y**

PLACE AND FIELD OF APPLICATION

In earth, ducts, on support brackets, in dry and wet conditions etc., where one does not expect mechanical damages and the cables are not exposed to the mechanical tensile strain.

In urban networks, industrial plants, electric power plants and other electricity consumers for increased electricity and thermic strains (operating temperature of the conductor up to 90° C). For the necessity of MTK control systems in distribution networks, at four-core cables of larger cross-section, an additional insulated conductor of 2,5 mm² is applied in the middle among the cable cores.

Table 6.5.1. Construction Data on Cables **N2XY, NA2XY, N2X2Y** and **NA2X2Y**

Nazivni presjek kabela/ <i>Cable Nominal Cross-section</i>	Debljina izolacije/ <i>Insulation Thickness</i>	Debljina plašta/ <i>Sheath Thickness</i>	Vanjski promjer (približno)/ <i>Overall Diameter (approx.)</i>	Težina kabela (približno)/ <i>Cable Weight (approx.)</i>				Pakiranje/ <i>Packing</i>	
				N2XY	NA2XY	N2X2Y	NA2X2Y	Dužina/ <i>Length</i>	Bubanj/ <i>Drum</i>
n x mm ²	mm	mm	mm	kg/km	kg/km	kg/km	kg/km	m	
2 x 16	0,7	1,8	17,6	625	425	586	386	1000	BD-12
2 x 25	0,9	1,8	21,0	925	615	877	567	1000	BD-12
2 x 35	0,9	1,8	23,2	1190	760	1137	707	1000	BD-14
3 x 16	0,7	1,8	18,6	780	475	738	433	1000	BD-12
3 x 25	0,9	1,8	22,2	1070	600	1019	549	1000	BD-14
3 x 35	0,9	1,8	24,6	1535	865	1478	808	1000	BD-14
4 x 16	0,7	1,8	20,4	980	575	934	529	1000	BD-12
4 x 25	0,9	1,8	24,3	1490	865	1434	809	1000	BD-14
4 x 35	0,9	1,9	28,2	2015	1155	1946	1086	1000	BD-16
4 x 50	1,0	1,9	28,2	2165	975	2096	906	1000	BD-16
4 x 70	1,1	2,0	32,2	3030	1285	2947	1202	500	BD-14
4 x 95	1,1	2,1	36,4	3965	1655	3865	1555	500	BD-14
4 x 120	1,2	2,2	39,1	5060	2130	4948	2018	500	BD-16
4 x 150	1,4	2,4	45,1	6115	2545	5973	2403	500	BD-18
4 x 185	1,6	2,5	49,4	8005	3485	7843	3323	500	BD-20
4 x 240	1,7	2,7	54,0	9950	4110	9759	3919	500	BD-20
4 x 300	1,8	2,9	59,4	12865	5250	12639	5024	500	BD-20