

ENERGETSKI KABL · POWER CABLE

NAYY



Energetski kabl 0,6/1 kV sa aluminijumskim provodnicima, PVC izolacijom i PVC plaštom (NAYY · JUS PP00-A).

Power cable 0,6/1 kV with aluminium conductors, PVC insulation and PVC sheath (NAYY · JUS PP00-A).

PRIMENA / APPLICATION

Za polaganje u zemlju, kablovske kanale i na nosače, u suvim i vlažnim uslovima, bez mehaničkih oštećenja i zateznih naprezanja. Za gradske mreže, industriju, elektrane i upravljačke uređaje u saobraćaju.

For laying in earth, ducts and on support brackets, in dry and wet conditions, without mechanical damage or tensile strain. For urban networks, industry, power plants and control devices in traffic.

KONSTRUKCIJA / CONSTRUCTION

Provodnik / Conductor: Al, klasa 1 ili 2 / class 1 or 2
Izolacija / Insulation: PVC smeša DIV 4 / PVC, DIV 4
Ispuna / Bedding: Elastomer / plastomer ili traka
Plašt / Sheath: PVC DMV 5, crn / PVC DMV 5, black
Identifikacija / Core ID: HD 308 S2

IDENTIFIKACIJA ŽILA / CORE ID

3 žile: žuto-zelena, braon, plava ili crna, braon, siva · 4 žile: (ž/z ili plava) + braon, crna, siva · 5 žila: ž/z, plava, braon, crna, siva. Plašt: crn; druge boje na upit.
3-core: green/yellow, brown, blue or black, brown, grey · 4-core: (g/y or blue) + brown, black, grey · 5-core: g/y, blue, brown, black, grey. Sheath: black; other colours on request.

TEHNIČKE KARAKTERISTIKE / SPECS

Napon U_0/U / Voltage	0,6/1 kV
Ispitni napon / Test voltage	4 kV
CPR klasa / CPR class	Eca
Savijanje / Bending	15 x D (1-žilni) / 12 x D
Maks. temp. provodnika / Max. cond.	70 °C
Temp. kratkog spoja / Short-circuit	160 °C

STANDARDI / STANDARDS

VDE 0276-603 · HD 603 S1 · IEC 60502-1 · HD 308 S2 · SRPS N.C5.220 (PP00-A)

DIMENZIJE I PODACI / DIMENSION & DATA

Žila x presek CORES x SECT.	Oblik SHAPE	Otpor 20°C RESISTANCE	Struja vazduh CURRENT AIR	Struja zemlja CURRENT EARTH	Spolj. prečnik OUTER Ø	Masa metala METAL WT.	Masa CABLE WT.
n x mm ²	RE/RM/SM/SE	Ω/km	A	A	mm	kg/km	kg/km
1x16	RM	1,910	—	—	10,5	46	145
1x25	RM	1,200	87	106	12,0	73	195
1x35	RM	0,868	107	127	13,5	102	255
1x50	RM	0,641	131	151	15,0	145	298
1x70	RM	0,443	166	185	17,0	203	383
1x95	RM	0,320	205	222	19,0	276	490
1x120	RM	0,253	239	253	20,0	348	575
1x150	RM	0,206	273	284	22,0	435	695
1x185	RM	0,164	317	322	25,0	537	845
1x240	RM	0,125	378	375	28,0	696	1100
1x300	RM	0,100	437	425	30,0	870	1379
1x400	RM	0,0778	513	487	34,0	1160	1615
1x500	RM	0,0605	600	558	37,0	1450	2015
1x630	RM	0,0469	701	635	38,8	1827	2472
1x800	RM	0,0367	809	716	42,1	2320	2900
1x1000	RM	0,0291	916	796	46,6	2880	3390
2x16	RM/RE	1,910	—	—	17,4	92,8	495,2
2x25	RM	1,200	82	102	20,4	145,0	683,9
2x35	RM	0,868	100	123	22,6	203,0	844,8
2x50	RM	0,641	119	144	26,0	290,0	1121,1
2x70	RM	0,443	152	179	29,0	406,0	1410,0
2x95	RM	0,320	186	215	33,2	551,0	1883,3
3x16	RM/RE	1,910	—	—	18,4	139,2	427
3x25	RM	1,200	82	102	21,7	217,5	624
3x35	RM	0,868	100	123	24,1	304,5	815
3x50	RM/SM	0,641	119	144	27,9	435	1049
3x70	RM/SM	0,443	152	179	31,4	609	1384
3x95	RM/SM	0,320	186	215	35,9	826,5	1781
3x120	SM	0,253	216	245	39,7	1044	1792
3x150	SM	0,206	246	275	43,8	1305	2200
3x185	SM	0,164	285	313	48,3	1609,5	2692
3x240	SM	0,125	338	364	54,1	2088	3394
4x35	SM	0,868	100	123	28,0	406	690
4x50	SM	0,641	119	144	30,0	580	832
4x70	SM	0,443	152	179	35,0	812	1147
4x95	SM	0,320	186	215	39,0	1102	1460
4x120	SM	0,253	216	245	41,0	1392	1861
4x150	SM	0,206	246	275	45,0	1740	2318
4x185	SM	0,164	285	313	49,0	2146	2866
4x240	SM	0,125	338	364	55,0	2784	3616
4x300	SM	0,100	400	419	59,0	3480	4500
3x70+35	SM/SM	0,443/0,868	152	179	33,0	710	1201
3x95+50	SM/SM	0,320/0,641	186	215	37,8	971	1672
3x120+70	SM/SM	0,253/0,443	216	245	40,4	1247	2009
3x150+70	SM/SM	0,206/0,443	246	275	44,9	1508	2401
3x185+95	SM/SM	0,164/0,320	285	313	49,0	1885	2991
3x240+120	SM/SM	0,125/0,253	338	364	55,2	2436	3808
3x240+120	SM/SE	0,125/0,253	338	364	55,2	2436	3808

DIMENZIJE I PODACI (NASTAVAK) / DIMENSION & DATA (CONT.)

Žila x presek CORES x SECT.	Oblik SHAPE	Otpor 20 °C RESISTANCE	Struja vazduh CURRENT AIR	Struja zemlja CURRENT EARTH	Spolj. prečnik OUTER Ø	Masa metala METAL WT.	Masa CABLE WT.
n x mm ²	RE/RM/SM/SE	Ω/km	A	A	mm	kg/km	kg/km
4x16+2,5	RE/RM	1,910	—	—	24,0	185	630
4x25+2,5	RE/RM	1,200	82	102	25,0	290	885
4x35+2,5	RE/RM	0,868	100	123	28,0	406	1089
4x35+2,5	SE/SM	0,868	100	123	28,0	406	724
4x50+2,5	SE/SM	0,641	119	144	30,0	580	866
4x70+2,5	SE/SM	0,443	152	179	35,0	812	1181
4x95+2,5	SE/SM	0,320	186	215	39,0	1102	1494
4x120+2,5	SE/SM	0,253	216	245	41,0	1392	1895
4x150+2,5	SE/SM	0,206	246	275	45,0	1740	2352
4x185+2,5	SE/SM	0,164	285	313	49,0	2146	2900
4x240+2,5	SE/SM	0,125	338	364	55,0	2784	3650
4x300+2,5	SE/SM	0,100	400	419	59,0	3480	4534
4x16	RE/RM	1,910	—	—	21,3	185,6	661
4x25	RE/RM	1,200	82	102	25,0	290	922
4x35	RE/RM	0,868	100	123	27,6	406	1147
4x50	RE/RM	0,641	119	144	30,0	580	1529
4x70	RE/RM	0,443	152	179	33,7	812	1997
4x95	RE/RM	0,320	186	215	39,0	1102	2630
4x120	RE/RM	0,253	216	245	42,6	1392	3145
4x150	RE/RM	0,206	246	275	47,1	1740	3901
4x185	RE/RM	0,164	285	313	52,1	2146	4742
4x240	RE/RM	0,125	338	364	58,6	2784	6033
5x4	RE	—	—	—	15,3	58,0	314,5
5x6	RE	—	—	—	16,7	87,0	383,8
5x10	RE	3,080	—	—	19,0	145,0	510,3
5x16	RM/RE	1,910	—	—	23,4	232,0	625,0
5x25	RM	1,200	102	112	28,2	363,0	950,0
5x35	RM	0,868	126	135	31,0	507,5	1195,0
5x50	RM	0,641	149	158	36,8	725,0	1540,0
5x70	RM	0,443	191	196	42,8	1015,0	2240,0
5x95	RM	0,320	234	234	48,5	1380,0	3015,0
5x120	RM	0,253	273	268	53,6	1740,0	3580,0

NAPOMENE / NOTES

- Struje: u vazduhu na 30 °C, u zemlji na 20 °C; otpor na 20 °C; temperatura polaganja min -5 °C; crta označava da vrednost nije navedena u izvoru. / Currents: in air at 30 °C, in earth at 20 °C; resistance at 20 °C; min. laying temperature -5 °C; a dash means no value specified in the source.
- Oblik provodnika: RE = okrugao puni, RM = okrugao užetani, SE = sektorski puni, SM = sektorski užetani. / Conductor shape: RE = round solid, RM = round stranded, SE = sector solid, SM = sector stranded.
- Sve vrednosti su orijentacione i podložne izmenama bez najave. / All values are indicative and subject to change without notice.