

**PVC-om izoliran i oplašten energetski kabel**
PVC insulated and sheathed power cable

CEI UNEL 35375

**KONSTRUKCIJA / CONSTRUCTION**

- Vodič** bakreni finožični vodič, klase 5, prema EN 60228
- Izolacija** tvrda EPM guma (HEPR, hard ethylene-propylene-rubber), kvalitete G7
- Plast** antiabrazivna PVC smjesa
- ...
- Conductor** fine wired copper conductor, class 5, acc. to EN 60228
- Insulation** rigid EPM rubber (HEPR, hard ethylene-propylene-rubber), quality G7
- Sheath** anti-abrasive PVC compound

**TEHNIČKI PODACI / TECHNICAL DATA**

- Norme:** CEI UNEL 35375
- Nazivni napon:** $U_0/U = 0,6/1$ KV
- Ispitni napon:** 4000 V
- Granični temperaturni uvjeti:**
Minimalna temperatura polaganja: -5° C
Radna temperatura: -30° C do +90° C
Temperatura kratkog spoja max. 5s: 250° C
- Test zapaljivosti:** Kabel je samogasiv prema EN 60332-1-2
- Minimalni polumjer savijanja:** 4xØ kabela
- ...
- Standards:** CEI UNEL 35375
- Nominal voltage:** $U_0/U = 0,6/1$ KV
Test voltage: 4000 V
- Temperature range:**
Minimum temperature during installation: -5° C
Fixed installed: -30° C do +90° C
At short circuit of max. 5s: 250° C
- Behaviour in fire:** Flame retardant (self-extinguishing) cable acc. to EN 60332-1-2
- Minimal inner bending radius:** 4xØ cable

ENERGETSKI KABELEI DO 1KV / POWER CABLES UP TO 1KV

**PRIMJENA / APPLICATION**

Energetski distribucijski i signalni kabel za statičnu upotrebu pod zemljom, unutar objekata, u kabelskim kanalima, u uvjetima gdje kabel nije izložen sustavnom mehaničkom naprezanju niti jačem vlačnom istezanju. Upotrebljava se u industrijskim pogonima ili kućnim instalacijama, gdje se očekuju viša strujna i termička opterećenja (radna temperatura vodiča do 90 °C), gdje je potrebna veća fleksibilnost i bolja otpornost na gorenje.

Distribution and signal power cable for static application in ground, within facilities, in cable canals, in conditions where the cable is not exposed either to systematic mechanical stress or heavier tensile strain. Used in industrial plants or household installations, where heavier current and thermal loads are expected (operating temperature of conductor up to 90 °C), in conditions requiring higher flexibility and better resistance to combustion.

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KONSTRUKCIJSKI PODACI / CONSTRUCTION DATA

Nazivni presjek	Vanjski promjer	Otpor vodiča na 20 °C	Strujno opterećenje (u zraku)	Strujno opterećenje (u zemlji)	Cu broj	Težina kabela	Standardno pakiranje*
Construction	Outer diameter	Conductor resistance at 20 °C	Current carrying capacity (air)	Current carrying capacity (ground)	Cu weight	Cable weight	Packing*
mm ²	ca. mm	Ω/km	nom. A	nom. A	kg/km	ca. kg/km	
1 x 1,5	6,0	13,3	25	30	14	49	KOT 100, SP40 500
1 x 2,5	6,4	7,98	33	38	24	60	KOT 100, SP40 500
1 x 4	6,7	4,95	43	50	38	77	KOT 100, SP40 500
1 x 6	6,9	3,3	55	63	58	108	KOT 100, SP40 500
1 x 10	9,5	1,91	77	84	96	159	KOT 100, SP45 500
1 x 16	10,5	1,21	100	106	153,6	218	KOT 100, SP50 500
1 x 25	12,4	0,78	135	136	240	316	KOT 100, SP60 500
1 x 35	13,8	0,55	170	165	336	431	SP70 500, DB08 500
1 x 50	15,3	0,39	209	192	480	562	DB08 500
1 x 70	17,8	0,27	268	233	672	779	DB09 500
2 x 1,5	10,7	13,3	26	35	28,8	157	KOT 100, SP50 500
2 x 2,5	11,6	7,98	30	46	48	193	KOT 100, SP60 500
2 x 42	13,0	4,95	41	57	76,8	258	KOT 100, SP60 500
x 62	15,5	3,3	52	74	115,2	367	SP75 500, DB08 500
x 10	18,2	1,91	69	96	192	538	DB09 500
2 x 16	20,4	1,21	115	122	307	715	DB10 500
3 x 1,5	11,2	13,3	23	29	43,2	174	KOT 100, SP50 500
3 x 2,5	12,2	7,98	32	36	72	220	KOT 100, SP60 500
3 x 4	13,6	4,95	43	48	115,2	299	KOT 100, SP60 500
3 x 6	16,2	3,3	55	60	172,8	424	DB09 500
3 x 10	19,3	1,91	75	78	288	637	DB10 500
3 x 16	21,5	1,21	100	105	460,8	863	DB10 500
4 x 1,5	12,0	13,3	24	29	57,6	202	KOT 100, SP60 500
4 x 2,5	13,1	7,98	32	37	96	258	KOT 100, SP60 500
4 x 4	14,6	4,95	42	48	153,6	352	KOT 100, SP70 500
4 x 6	17,7	3,3	54	60	230,4	501	DB09 500
4 x 10	21,0	1,91	75	79	384	760	DB10 500
4 x 16	23,5	1,21	100	105	614,4	1039	DB10 500
5 x 1,5	12,9	13,3	24	29	72	232	KOT 100, SP60 500
5 x 2,5	14,0	7,98	32	37	120	301	KOT 100, SP70 500
5 x 4	15,8	4,95	42	48	192	416	DB09 500D
5 x 6	19,2	3,3	54	60	288	596	B10 500
5 x 10	22,6	1,91	75	79	480	896	DB10 500
5 x 16	25,5	1,21	100	105	768	1240	DB12 500

Moguća boja plašta / Sheath colour identification

- (gy) siva / grey

* Pakiranje: KOT 100 = KOT 100 = kolut 100m, SP = kabel namotan na lagani bubanj, DB = kabel namotan na standardni bubanj
* Packing: KOT 100 = coil 100m, SP = cable on plywood reel, DB = cable on wooden drum



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