

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

CEI 20-20

**KONSTRUKCIJA / CONSTRUCTION****Vodič** bakreni finožični vodič, klase 5, prema EN 60228**Izolacija** PVC smjesa TI2 prema EN 50363-3**Plašt** PVC smjesa TM2 za fleksibilne kabele prema EN 50363-4-1

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Conductor fine wired copper conductor, class 5, acc. to EN 60228**Insulation** PVC compound TI2 acc. to EN 50363-3**Sheath** PVC compound TM2 for flexible cables acc. to EN 50363-4-1**TEHNIČKI PODACI / TECHNICAL DATA****Norme:** CEI 20-20**Nazivni napon:** $U_0/U = 450/750$ V**Ispitni napon:** 2500 V**Granični temperaturni uvjeti:**Minimalna temperatura polaganja: 0 °C
Radna temperatura: -30° C do +70° C
Temperatura kratkog spoja max. 5s: 160° C**Test zapaljivosti:** Kabel je samogasiv prema EN 60332-1-2**Minimalni polumjer savijanja:** 4xØ kabela

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Standards: CEI 20-20**Nominal voltage:** $U_0/U = 450/750$ V**Test voltage:** 2 500 V**Temperature range:**Minimum temperature during installation: 0° C
Fixed installed: -30° C do +70° C
At short circuit of max. 5s: 160° C**Behaviour in fire:** Flame retardant (self-extinguishing) cable acc. to EN 60332-1-2**Minimal inner bending radius:** 4xØ cable

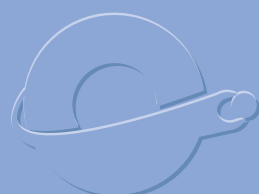
ENERGETSKI KABELEI DO 1KV / POWER CABLES UP TO 1KV

**PRIMJENA / APPLICATION**

Energetski kabel FROR upotrebljava se za fiksne instalacije i priključke pokretnih uređaja na mjestima sa rizikom od požara, npr. za štandove na sajmovima, za priključenje uređaja za javne priredbe, u zgradama, industriji itd. Postavlja se u zatvoreni prostor, u normalnim ili vlažnim okruženjima, te privremeno i na otvorenom.

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Cables for static use and connections to mobile devices in place with fire risk like fairs, housing, industry and handicraft. Can be laid indoor, in normal or humid environments and temporarily outside. Underground installation is not permitted even if protected.

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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	
2 x 1,5	8,1	13,3	17	19,5	28,8	98	KOT 100, SP40 500
2 x 2,5	9,9	7,98	22,5	26	48	150	KOT 100, SP45 500
2 x 4	10,5	4,95	30	35	76,8	190	KOT 100, SP50 500
2 x 6	12,5	3,3	40	46	115,2	260	KOT 100, SP60 500
2 x 10	16,9	1,91	52	63	192	470	KOT 100, SP75 500
3 x 1,5	8,5	13,3	17	19,5	43,2	116	KOT 100, SP40 500
3 x 2,5	10,4	7,98	22,5	26	72	179	KOT 100, SP50 500
3 x 4	11,7	4,95	30	35	115,2	240	KOT 100, SP60 500
3 x 6	13,4	3,3	40	46	172,8	330	KOT 100, SP60 500
3 x 10	17,9	1,91	46	57	288	580	SP75 500, DB09 500
3 x 16	20,7	1,21	62	76	460,8	820	DB10 500
4 x 1,5	9,5	13,3	17	19,5	57,6	147	KOT 100, SP45 500
4 x 2,5	11,4	7,98	22,5	26	96	221	KOT 100, SP50 500
4 x 4	12,7	4,95	30	35	153,6	296	KOT 100, SP60 500
4 x 6	14,4	3,3	40	46	230,4	404	KOT 100, SP70 500
4 x 10	18,4	1,91	52	63	384	676	DB09 500
4 x 16	21,3	1,21	69	85	614,4	978	DB10 500
5 x 1,5	10,3	13,3	17	19,5	72	180	KOT 100, SP50 500
5 x 2,5	12,2	7,98	22,5	26	120	258	KOT 100, SP60 500
5 x 4	14,5	4,95	30	35	192	379	KOT 100, SP70 500
5 x 6	16,0	3,3	40	46	288	501	DB09 500
5 x 10	20,5	1,91	52	63	480	841	DB10 500
5 x 16	23,4	1,21	69	85	768	1190	DB10 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

