

YKY

Underground cable with PVC insulation and PVC sheath
Standard: PN-93/E-90401, PN-93/E-90400
Usage:

Power distribution cables in power stations, industrial installations and switchgear, as well as in local mains. For fixed installation in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – if no risk of any mechanical damage is to be expected.

**Construction:**

- 1 Copper conductor, round solid (RE), round stranded (RM) resp. sector-shaped stranded (SM)
- 2 Core insulation (PVC)
- 3 Inner covering (EPDM or plastic tape)
- 4 Sheath (PVC black, UV-resistant)

**Rated voltage:** 0.6/1 kV**Test voltage:** 4000 Veff**Temperature range:**

laying temperature: min. –5 °C
 operating temperature: –30 °C to +70 °C
 conductor temperature: max. +70 °C
 short-circuit temperature: max. +160 °C/5 s

**Bending radius (min.):** 12 x Ø of cable**Core identification:** coloured (HD 308 S2)**Fire properties:**

flame retardant (EN 50265-2-1,
IEC 60332-1)

**Test certificate:**

EZÚ Czech Republic,
BBJ Poland

Number of cores x nominal cross section (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the ground ¹⁾ (A)	Current rating in the air ¹⁾ (A)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
YKY							
3 x 1.5 RE	12.100	27	19	11.6	44	210	1000 T
4 x 1.5 RE	12.100	27	19	12.4	59	243	1000 T
5 x 1.5 RE	12.100	72	19	13.3	74	278	1000 T
3 x 2.5 RE	7.4100	36	25	12.5	74	260	1000 T
4 x 2.5 RE	7.4100	36	25	13.4	98	304	1000 T
5 x 2.5 RE	7.4100	36	25	14.4	123	352	1000 T
3 x 4 RE	4.6100	47	34	14.3	118	358	1000 T
4 x 4 RE	4.6100	47	34	15.4	157	425	1000 T
5 x 4 RE	4.6100	47	34	16.6	196	496	1000 T
3 x 6 RE	3.0800	59	43	15.3	174	444	1000 T
4 x 6 RE	3.0800	59	43	16.6	235	535	1000 T
5 x 6 RE	3.0800	59	43	18.0	294	628	1000 T
3 x 10 RE	1.8300	79	59	15.3	294	607	1000 T
4 x 10 RE	1.8300	79	59	18.4	627	737	1000 T
5 x 10 RE	1.8300	79	59	20.0	784	883	1000 T
3 x 16 RM	1.1500	102	79	20.2	470	841	1000 T
4 x 16 RM	1.1500	102	79	22.0	627	1,027	1000 T
5 x 16 RM	1.1500	102	79	24.0	784	1,257	1000 T
4 x 25 RM	0.7270	133	106	25.4	980	1,487	1000 T

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YKY							
5 x 25 RM	0.7270	133	106	28.0	1,225	1,843	1000 T
4 x 35 SM	0.5370	159	129	26.4	1,372	1,646	1000 T
5 x 35 RM	0.5370	159	129	31.2	1,715	2,506	1000 T
4 x 50 SM	0.3870	188	157	31.2	1,960	2,224	1000 T
5 x 50 RM	0.3870	188	157	36.0	2,450	3,194	1000 T
4 x 70 SM	0.2680	232	199	34.8	2,744	3,068	1000 T
5 x 70 RM	0.2680	232	199	40.8	3,430	4,354	1000 T
4 x 95 SM	0.1930	280	246	40.0	3,724	4,178	1000 T
4 x 120 SM	0.1530	318	285	43.6	4,704	5,200	500 T
4 x 150 SM	0.1240	359	326	46.8	5,880	6,306	500 T
4 x 185 SM	0.0991	406	374	53.2	7,252	7,824	500 T
4 x 240 SM	0.0754	473	445	58.7	9,408	10,271	500 T

1) basic rated current acc. to PN-93/E-90401, PN-93/E-90400

Subject to technical changes.