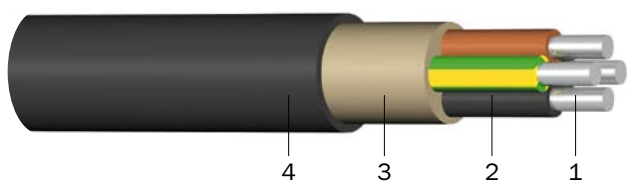


# YAKY

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

### Usage:

The cables are intended for distribution of electrical energy. 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 Aluminium conductor, round solid (RE), sector-shaped solid (SE), 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: –50 °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 <sup>2</sup> )	Max. conductor resistance (Ω/km)	Current rating in the ground <sup>1)</sup> (A)	Current rating in the air <sup>1)</sup> (A)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
<b>YAKY</b>							
4 x 16 RE	1.910	81	61	20.9	173	644	1000 T
4 x 25 RE	1.200	102	82	24.5	273	884	1000 T
4 x 35 RE	0.868	123	100	26.9	374	1,095	1000 T
4 x 50 SM	0.641	144	119	28.8	506	1,141	1000 T
4 x 70 SE	0.443	179	152	30.5	719	1,262	1000 T
4 x 70 SM	0.443	179	152	32.5	740	1,400	1000 T
4 x 95 SM	0.320	215	186	37.4	1,029	1,388	1000 T
3 x 120 + 70 SM/RM	0.253	245	216	41.0	1,188	2,046	1000 T
4 x 120 SE	0.253	245	216	38.5	1,239	2,158	1000 T
4 x 120 SM	0.253	245	216	41.0	1,255	2,316	1000 T
5 x 120 RM	0.253	245	216	50.6	1,800	2,926	1000 T
3 x 150 + 70 SM/RM	0.206/0.443	275	246	45.5	1,399	2,376	500 T
4 x 150 SM	0.206	275	246	45.5	1,607	2,667	500 T
3 x 185 + 95 SM/RM	0.164/0.320	313	285	50.4	1,772	2,988	500 T
4 x 185 SM	0.164	313	285	50.4	2,011	3,325	500 T
3 x 240 + 120 SM/RM	0.125/0.253	364	338	57.1	2,329	3,801	500 T
4 x 240 SE	0.125	364	338	53.1	2,583	4,414	500 T
4 x 240 SM	0.125	364	338	57.1	2,562	4,519	500 T

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

Subject to technical changes.