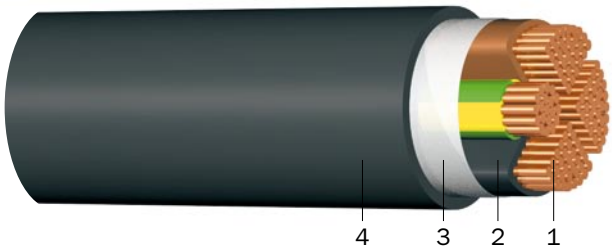
1–CYKY

Underground cable with PVC insulation and PVC sheath
Standard: TP PRAKAB 01/03

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). Conductors stranded together.
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.):	15 x ∅ of cable
Core identification:	coloured (HD 308 S2)
Fire properties:	
flame retardant	(EN 50265-2-1, IEC 60332-1)
Test certificate:	EZÚ Czech Republic, EVPÚ Slovak Republic

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 lenghts/ packing (m)
1–CYKY							
4 x 25 RE	0.7520	134	101	22.4	980	1,341	1000 T
4 x 25 RM	0.7520	134	101	23.8	980	1,360	1000 T
5 x 25 RE	0.7520	134	101	24.5	1,225	1,622	1000 T
5 x 25 RM	0.7520	134	101	26.1	1,225	1,734	1000 T
3 x 35 + 25 RE/RE	0.5370/0.7520	161	126	22.4	1,274	1,646	1000 T
3 x 35 + 25 RM/RM	0.5370/0.7520	161	126	23.8	1,274	1.,776	1000 T
4 x 35 RE	0.5370	161	126	24.8	1,372	1,769	1000 T
4 x 35 RM	0.5370	161	126	26.2	1,372	1,809	1000 T
5 x 35 RE	0.5370	161	126	27.1	1,715	2,148	1000 T
5 x 35 RM	0.5370	161	126	28.8	1,715	2,239	1000 T
3 x 50 + 35 SM/RE	0.3870/0.5370	191	152	30.4	1,813	2,164	1000 T
3 x 50 + 35 SM/RM	0.3870/0.5370	191	152	30.4	1,813	2,059	1000 T
4 x 50 RM	0.3870	191	152	31.3	1,960	2,581	1000 T
4 x 50 SM	0.3870	191	152	30.4	1,960	2,355	1000 T
3 x 70 + 50 SM/RM	0.2680/0.3870	236	196	33.6	2,548	2,799	1000 T
4 x 70 RM	0.2680	236	196	35.8	2,744	3,503	1000 T
4 x 70 SM	0.2680	236	196	34.9	2,744	3,138	1000 T

1–CYKY

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 lenghts/ packing (m)
1–CYKY							
3 x 95 + 50 SM/RM	0.2680/0.3870	280	238	37.5	3,283	3,599	1000 T
3 x 95 + 70 SM/RM	0.1980/0.2680	280	238	39.3	3,479	3,937	1000 T
4 x 95 RM	0.1980	280	238	41.3	3,724	4,727	1000 T
4 x 95 SM	0.1980	280	238	39.3	3,724	4,205	1000 T
3 x 120 + 50 SM/RM	0.1570/0.3870	317	276	40.0	4,018	4,264	500 T
3 x 120 + 70 SM/RM	0.1570/0.2680	317	276	43.0	4,214	4,427	500 T
4 x 120 SM	0.1570	317	276	43.0	4,704	5,243	500 T
3 x 150 + 70 SM/RM	0.1240/0.2680	359	319	46.8	5,096	5,347	500 T
4 x 150 SM	0.1240	359	319	46.8	5,880	6,611	500 T
3 x 185 + 95 SM/RM	0.1020/0.1980	401	364	49.8	6,370	6,771	500 T
4 x 185 SM	0.1020	401	364	49.8	7,252	8,021	500 T
3 x 240 + 120 SM/RM	0.0783/0.1570	464	430	56.4	8,232	8,563	500 T
4 x 240 SM	0.0783	464	430	56.4	9,408	9,686	500 T

1) basic rated current acc. to TP PRAKAB 01/03
Subject to technical changes.