PRAKAB

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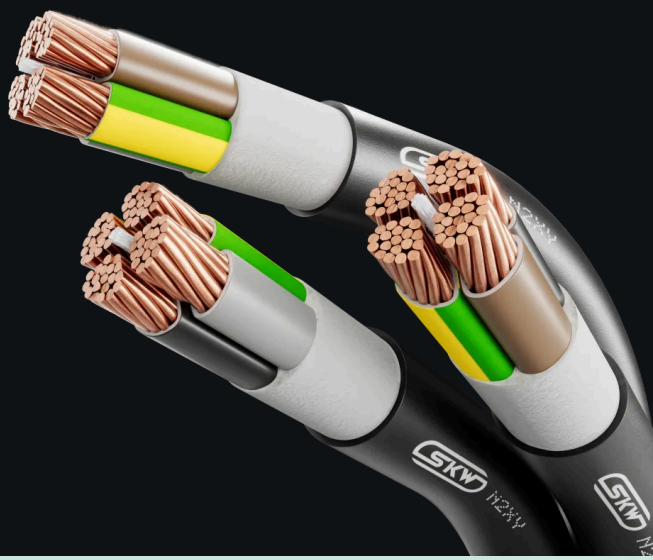


LOW VOLTAGE CABLES 0,6/1 KV

N2XY

XLPE/PVC copper energy cable

TECHNICAL DATA

Standard
DIN VDE 0276-603 (HD 603)

Certificate
VDE Germany

Test Voltage
core/core 4 kV / 50 Hz

Rated Voltage
0.6/1 kV

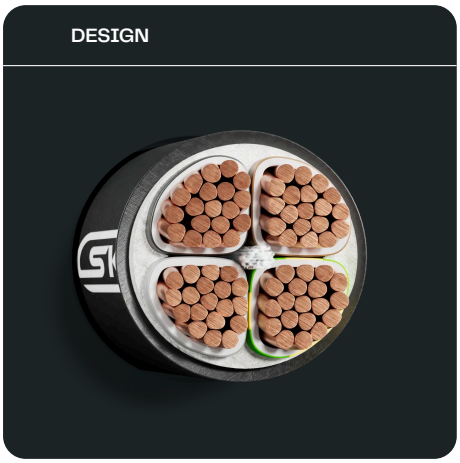
Bending radius (min.)
12 x Ø of cable (multicore)
15 x Ø of cable (singlecore)

Fire properties
EN 60332-1-2: self-extinguishing
CPR classification: Eca

Core identification
HD 308 S2

Temperature range
Laying temperature: min. -5°C
Operating temperature: -50°C up to 90°C
Conductor temperature: max. 90°C
Short circuit temperature: max. 250°C

DESIGN



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

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1.5 RE	12.1	31	24	13.2	236
3 x 1.5 RE	12.1	31	24	13.7	258
4 x 1.5 RE	12.1	31	24	14.4	288
2 x 2.5 RE	7.41	40	32	14.0	276
3 x 2.5 RE	7.41	40	32	14.5	306
4 x 2.5 RE	7.41	40	32	15.3	348
2 x 4 RE	4.61	52	42	14.9	326
3 x 4 RE	4.61	52	42	15.5	369
4 x 4 RE	4.61	52	42	16.4	424
2 x 6 RE	3.08	64	53	15.8	391
3 x 6 RE	3.08	64	53	16.5	450
4 x 6 RE	3.08	64	53	17.5	525
2 x 10 RE	1.83	86	74	17.6	523
3 x 10 RE	1.83	86	74	18.5	618
3 x 10 RM	1.83	86	74	18.9	639
4 x 10 RE	1.83	86	74	19.7	735
4 x 10 RM	1.83	86	74	20.2	758
1 x 16 RM	1.15	176	131	10.7	238
2 x 16 RE	1.15	112	98	19.5	690
2 x 16 RM	1.15	112	98	19.9	715
3 x 16 RE	1.15	112	98	20.4	835
3 x 16 RM	1.15	112	98	20.9	862
4 x 16 RE	1.15	112	98	21.9	1006
4 x 16 RM	1.15	112	98	22.5	1039
1 x 25 RM	0.727	229	177	12.3	341
2 x 25 RM	0.727	145	133	23.0	1009
3 x 25 RM	0.727	145	133	24.3	1237
4 x 25 RM	0.727	145	133	26.2	1506
1 x 35 RM	0.524	275	217	13.3	438
2 x 35 RM	0.524	174	162	25.1	1273
3 x 35 RM	0.524	174	162	26.6	1581
4 x 35 SM	0.524	174	162	26.3	1767
4 x 35 RM	0.524	174	162	28.8	1941
1 x 50 RM	0.387	326	265	14.8	566
2 x 50 RM	0.387	206	197	28.0	1633
4 x 50 SM	0.387	206	197	29.9	2300
4 x 50 RM	0.387	206	197	32.4	2531
1 x 70 RM	0.268	400	336	16.7	775
4 x 70 SM	0.268	254	250	33.9	3200
1 x 95 RM	0.193	480	415	18.4	1026
4 x 95 SM	0.193	305	308	38.2	4243
1 x 120 RM	0.153	548	485	19.9	1263
4 x 120 SM	0.153	348	359	41.8	5269
1 x 150 RM	0.124	616	557	21.8	1538

Number of cores x nominal cross-section (mm²)	Max. conductor resistance (Ω/km)	Current rating in the earth (A)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
4 x 150 SM	0.124	392	412	47.0	6464
1 x 185 RM	0.099	698	646	23.9	1896
3 x 185 SM	0.099	444	475	44.8	6061
4 x 185 SM	0.099	444	475	52.3	8005
1 x 240 RM	0.075	815	774	26.5	2438
3 x 240 SM	0.075	517	564	49.9	7813
4 x 240 SM	0.075	517	564	58.0	10303
1 x 300 RM	0.060	927	901	29.2	3025
1 x 400 RM	0.047	1064	1060	32.9	3840
1 x 500 RM	0.037	1227	1252	36.7	4890
1 x 630 RM	0.028	1421	1486	41.1	6261

CONTACT PERSON

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