



EXVB

XLPE/PVC copper energy cable

LOW VOLTAGE CABLES 0,6/1 kV

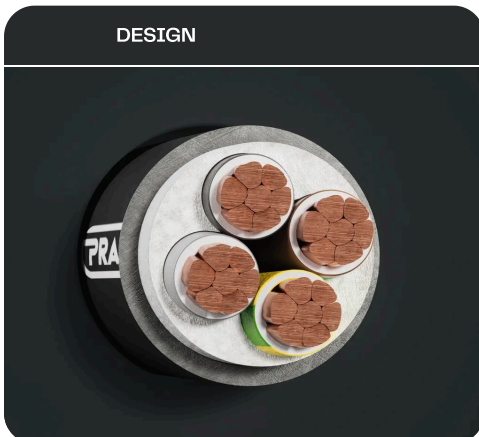
Power distribution cables in power stations, industrial installations and switchgears, as well as in local mains. For fixed installation underground, in interior premises, cable ducts, in the open air, in water – as permitted by the local building regulations – if no risk of any mechanical damage is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



TECHNICAL DATA

 Standard NBN HD 603.5A	 Rated Voltage 0,6/1 kV	 Core identification HD308 S2 Blue is exclusively reserved for the neutral conductor if it exists.
 Certificate EZÚ Czech Republic	 Bending radius (min.) 12 x Ø of cable	 Temperature range Laying temperature: min. -5°C Operating temperature: -20°C up to 80°C Conductor temperature: max. 90°C Short circuit temperature: max. 250°C
 Test Voltage core/core 4 kV / 50 Hz	 Fire properties EN 60332-1-2: self-extinguishing CPR classification: Eca	

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 (mm ²)	Max. conductor resistance (Ω/km)	Current rating in the air (A)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2 x 1.5 RE	12.1	23	12.8	221
4 x 1.5 RE	12.1	23	14	272
2 x 2.5 RE	7.41	32	13.8	276
4 x 2.5 RE	7.41	32	14.9	329
4 x 4 RE	4.61	42	16	405
5 x 4 RE	4.61	42	17.8	502
3 x 6 RE	3.08	54	16.1	431
3 x 10 RE	1.83	75	18.3	605
4 x 10 RE	1.83	75	19.5	721
5 x 10 RE	1.83	75	21	849
3 x 16 RM	1.15	100	20.7	848
4 x 16 RM	1.15	100	22.3	1023
4 x 25 RM	0.727	127	26.5	1516
4 x 35 RM	0.524	157	29.1	1952
4 x 50 RM	0.387	192	32.8	2553
4 x 70 SM	0.268	246	34.2	3218
4 x 95 SM	0.193	299	38.5	4263

CONTACT PERSON

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