



We Make Modern
Life Possible

POWER CABLES AND OVERHEAD LINES 0.6/1 kV

EXVB

XLPE/PVC copper energy cable



TECHNICAL DATA



Standard
NBN HD 603.5A



Certificate
EZÚ Czech Republic



Test Voltage
core/core 4 kV / 50 Hz



Rated Voltage
0,6/1 kV



Bending radius (min.)
 $12 \times \varnothing$ of cable



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

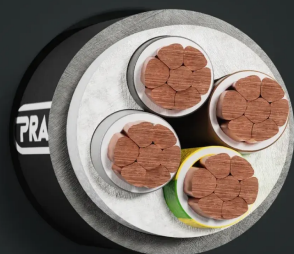


Core identification
HD308 S2
Blue is exclusively reserved for the neutral conductor if it exists.



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

DESIGN



Copper conductor, round solid (RE), round stranded (RM)
resp. sector-shaped stranded (SM)



Core insulation (XLPE)



Inner covering (extruded covering)



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	14.0	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	16.0	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	21.0	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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