We Make Modern Life Possible.

POWER CABLES AND OVERHEAD LINES 0.6/1 KV

# EXVB

## XLPE/PVC copper energy cable

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

**Certificate**
EZÚ Czech Republic

**Test Voltage**
core/core 4 kV / 50 Hz

**Rated Voltage**
0,6/1 kV

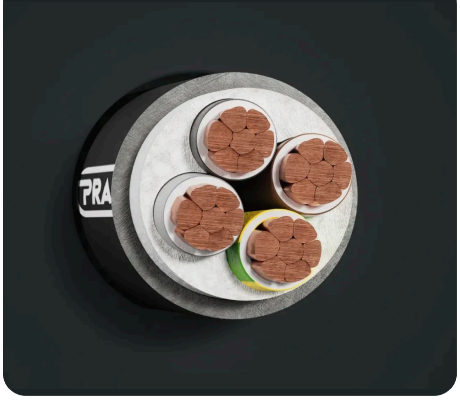
**Bending radius (min.)**
12 x Ø of cable

**Fire properties**
EN 60332-1-2: self-extinguishing
CPR 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



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

| Number of cores x nominal cross-section (mm²) | 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 |

Technical changes reserved. All figures are therefore without guarantee.

**CONTACT PERSON**

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