



# CYKYLo

## Flat PVC/PVC installation cables

### INSTALATION AND HARMONISED CABLES AND WIRES

The cables are designed for fixed power distribution under the plaster, in sanitary units, in pipes and rails.



#### TECHNICAL DATA



**Standard**  
ČSN 34 7411



**Certificate**  
EZÚ Czech Republic



**Test Voltage**  
2.5 kV / 50 Hz



**Rated Voltage**  
450/750 V



**Bending radius (min.)**  
6 cable height: Bending of the cable is only possible in its shorter axis



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



**Core identification**  
ČSN 33 0166 ed. 2



**Temperature range**  
Laying temperature: min. -5°C  
Operating temperature: -40°C up to 70°C  
Conductor temperature: max. 70°C  
Short circuit temperature: max. 160°C

#### DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PVC)
- 3 Sheath (PVC black, UV-resistant)

| Number of cores x nominal cross-section (mm <sup>2</sup> ) | Max. conductor resistance (Ω/km) | Current rating in the earth (A) | Width of flattened conductor (mm) | Height of flattened conductor (mm) | Total weight appr. (kg/km) |
|------------------------------------------------------------|----------------------------------|---------------------------------|-----------------------------------|------------------------------------|----------------------------|
| 2 x 1.5 RE                                                 | 12.531                           | 22                              | 6.7                               | 3.9                                | 60                         |
| 3 x 1.5 RE                                                 | 12.531                           | 19                              | 9.5                               | 3.9                                | 80                         |
| 2 x 2.5 RE                                                 | 7.52                             | 30                              | 7.5                               | 4.3                                | 85                         |
| 3 x 2.5 RE                                                 | 7.52                             | 25                              | 10.7                              | 4.3                                | 120                        |

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