

INSTALLATION AND HARMONISED CABLES AND WIRES

CYKYL_o

Flat PVC/PVC installation cables



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 ²)	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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