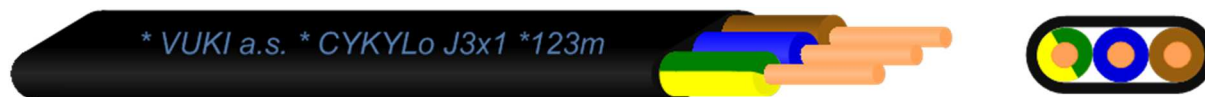




Flat 2 or 3-core PVC installation cables



Application:

2 and 3-core installation flat cables are designed for flush-mounted wiring in service cores and for laying in conduits and skirting boards. Cables are used for nominal voltage of 300/500 V. Cables are resistant to UV radiation and reduced flame propagation acc. to STN EN 60332-1.

Cable construction:

- **Number of cores:** 2 - 3
- **Cable cores:** copper conductor cl. 1
- **Nominal cross-section:** 0,5 mm², 0,75 mm², 1,0 mm²
- **Insulation:** PVC
- **Sheath cable:** PVC
- **Colour of sheath:** black

Technical data:

- **Nominal voltage U₀/U (V):** 300/500
- **Test voltage [kV]:** 2
- **Max. short-circuit temperature:** 70 °C
- **Operating temperature:** -40 °C to +70 °C
- **Min. temperature for laying:** -5 °C
- **Min. bending radius:** 6 x shorter axis of the cable

Marking:

- **Core identification:** Acc. to STN EN 60446
- **Letter code:**

position	letter	meaning
1.	C	copper conductor cl. 1
2.	Y	PVC
3.	K	unshielded cable
4.	Y	PVC
5.	pl	flat-design



Application table:

Number of cores	Nominal cross-section	Effective resistance of conductors	Total weight (appr.)	Outer dimensions (appr.)
	mm ²	Ω/km	kg/km	mm
2	0,5	36,0	26	3,6x5,6
	0,75	24,5	35	3,8x6
	1,0	18,1	40	4x6,4
3	0,5	36,0	38	3,6x7,6
	0,75	24,5	48	3,8x8,2
	1,0	18,1	61	4x8,8