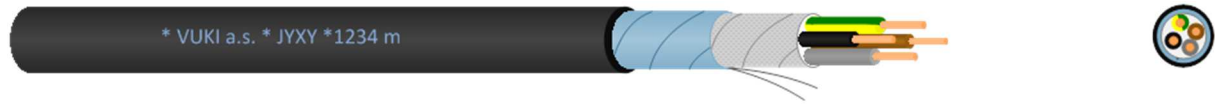




Cables for control systems for inner placement with PVC insulation



Application:

Cables suitable for inner placement for fixed installation of signal, measuring, controlling and automation systems.

Cable construction:

- **Number of cores:** 2 - 24
- **Cable cores:** copper conductor cl. 1
- **Nominal diameter:** 1,0 mm; 1,5 mm
- **Insulation:** PVC
- Cores are stranded in layer.
- **Shield construction:** PET tape + AlPET tape with CuSn wire
- **Sheath cable:** PVC
- **Colour of sheath:** black or other if required

Technical data:

- **Nominal voltage:** 380 V
- **Test voltage :** 1500 V
- **Effective resistance of conductor, max.:** 1,0 mm - 25,0 Ω /km
1,5 mm - 10,6 Ω /km
- **Operating temperature:** -15 °C to +70 °C
- **Min. temperature for laying:** -5 °C
- **Min. bending radius:** 15 x cable diameter

Marking:

- Colour coded acc. to STN EN 60446
- | position | letter | meaning |
|----------|--------|---|
| 1. | J | signal cable |
| 2. | Y | PVC, polyvinyl chloride |
| 3. | X | AlPET tape of min. thickness 10 μ m |
| 4. | Y | PVC, polyvinyl chloride |



Application table:

Number of conductors	Cu conductor \varnothing 1,0 mm			Cu conductor \varnothing 1,5 mm		
	Nominal thickness of sheath mm	Outer diameter (appr.) mm	Weight (appr.) kg/km	Nominal thickness of sheath mm	Outer diameter (appr.) mm	Weight (appr.) kg/km
2	1,6	8,0	75	1,8	9,6	122
3	1,6	8,4	90	1,8	10,0	149
4	1,6	9,2	107	1,8	11,0	183
5	1,6	10,0	127	1,8	12,3	219
7	1,6	10,6	152	1,8	13,0	247
10	1,8	12,3	210	1,8	16,0	374
12	1,8	13,0	240	1,8	16,3	425
14	2,0	14,5	286	2,0	17,3	499
16	2,0	15,0	314	2,0	18,7	555
19	2,0	16,5	356	2,0	19,7	639
24	2,0	18,0	436	2,0	22,5	790

