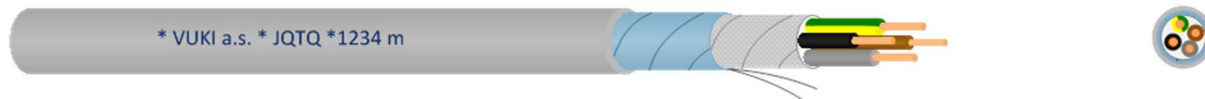




Cables for control systems for inner placement with greater temperature resistance



Application

Cables with greater temperature resistance 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:** 0,8 mm
- **Insulation:** heat-resistant PVC
- Cores are stranded in layer.
- **Shield construction:** PET tape + AIPET tape with CuSn wire
- **Sheath cable:** heat-resistant PVC
- **Colour of sheath:** grey, black or other if required

Technical data:

- **Nominal voltage:** 750 V
- **Test voltage :** 1500 V
- **Effective resistance of conductor, max.:** 0,8 mm - 36,0 Ω /km
- **Operating temperature:** -30 °C to +90 °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. | Q | heat-resistant polyvinylchlorid |
| 3. | T | AIPET tape of min. thickness 10 μ m |
| 4. | Q | heat-resistant polyvinylchlorid |



Application table:

Number of conductors	Nominal thickness of sheath mm	Outer diameter (appr.) mm	Weight (appr.) kg/km
2	1,2	7,0	54
3	1,2	7,4	67
4	1,2	8,2	80
5	1,2	9,2	96
7	1,2	9,4	116
10	1,3	11,1	158
12	1,3	11,8	181
14	1,3	12,9	207
16	1,3	13,4	230
19	1,3	14,1	263
24	1,4	16,5	332