



Cables for electronic security systems



\* VUKI a.s. \* CYTY \*1234 m

### Application:

Cables type CYTY, CYTFY are suitable for electronic security systems (EZS). Cables can be installed on flammable material.

### Cable construction:

- **Number of cores:** 2 - 10
- **Cable cores:** copper conductor cl. 1
- **Nominal diameter:** Power supply conductors: 0,5 mm, 0,6 mm, 0,8 mm, 1,0 mm  
Signal conductors: 0,3 mm, 0,4 mm, 0,5 mm, 0,6 mm, 0,8 mm
- **Insulation:** PVC
- Cores are stranded in layer.
- **Shield construction (only for type CYTFY):** PET tape + AlPET tape with CuSn wire
- **Sheath cable:** PVC
- **Colour of sheath:** white or other if required

### Technical data:

- **Operating temperature:** -10 °C to +50 °C
- **Min. temperature for laying:** -5 °C
- **Min. bending radius:** 15 x cable diameter

### Marking:

- **CYTFY 2 x a + n x b**  
a - diameter of a core of power supply conductors  
n - number of a signal conductors in the cable  
b - diameter of a core of signal conductors

If diameter of power supply and signal conductors is identical, in numeric mark *n* means total number of conductors in cable. The first part of numeric marking (2 x b) is not listed.

Colour marking:

- power supply conductors: red, black
- signal conductors: white, yellow, blue, green, grey, brown, orange, purple

### Technical data:

<b>Conductor diameter</b>	[mm]	0,3	0,4	0,5	0,6	0,8	1
<b>Core diameter</b>	[mm]	0,7	0,8	1	1,2	1,6	1,8
<b>Effective resistance of</b>	[Ω/km]	264	152	97,6	64,8	36,0	25
<b>Test voltage</b>	[V]	500	1000	1000	1000	1500	1500

