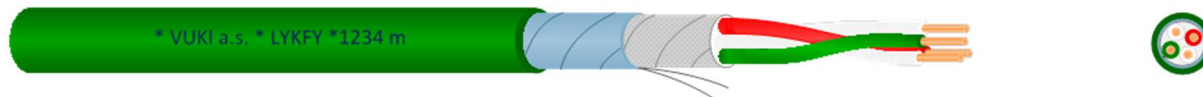




Paired communication cables with stranded core



Application:

Flexible paired communication cables type LYKFY are intended for electronic security systems and data transmission. They are used for max. voltage of 100 V, for fixed installations both in normal and moist environments (STN 33 2000-5-51). It is possible to place them under the wall plaster. Cables can be installed on flammable material.

Cable construction:

- **Number of pairs:** 1 - 30
- **Cable cores:** copper conductor cl. 5
- **Nominal cross-section:** 0,35 mm²
- **Insulation:** PVC
- Cores are stranded in pairs. Pairs are stranded in layer.
- **Shield construction:** PET tape + AlPET tape with CuSn wire
- **Sheath cable:** PVC
- **Colour of sheath:** green or other if required

Technical data:

- **Nominal voltage:** 100 V
- **Test voltage :** 1500 V
- **Effective resistance of conductor, max.:** 0,35 mm² - 60,0 Ω/km
- **Mutual capacitance (at 800 Hz), max.:** 120 nF/km*
(* the value can exceed of 20% by cables up to 4-pairs)
- **Operating temperature:** -10 °C to +50 °C
- **Min. temperature for laying:** -5 °C
- **Min. bending radius:** 12 x cable diameter

Colour code:

Number of pairs	conductor a	conductor b	Number of pairs	conductor a	conductor b
1	white	red	16	purple	red
2	white	green	17	purple	green
3	white	blue	18	purple	blue
4	white	brown	19	purple	brown
5	white	grey	20	purple	grey
6	yellow	red	21	black	red
7	yellow	green	22	black	green
8	yellow	blue	23	black	blue
9	yellow	brown	24	black	brown
10	yellow	grey	25	black	grey
11	orange	red	26	green	red
12	orange	green	27	green	blue
13	orange	blue	28	green	brown
14	orange	brown	29	green	grey
15	orange	grey	30	blue	red

