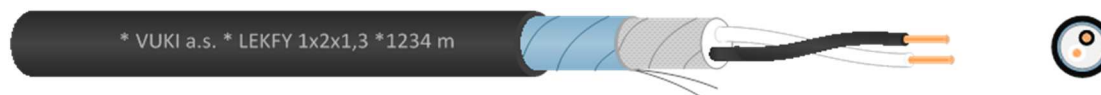


5. INDUSTRIAL CABLES / 5.2 PVC (PE) / LEKFY



Paired communication cables



Application:

Communication cables type LEKFY are flexible, paired cables which are dedicated to signal transmission of 300 V nominal voltage. They are intended for controlling of industrial processes, electronic equipment cabling and for mutual device interconnection.

Cable construction:

- Cable cores:** Stranded Cu core with nominal cross-section 1,3 mm²
 Min. number of wires in core: 7
 Max. wire diameter in core: 0,5 mm
- Insulation:** PE
 Nominal insulation thickness: 0,8 mm
- Cable components:** Conductors are coiled to pairs, resp. triple
 Conductor colour marking in elements:
 Pairs:

1. conductor in pair:	white
2. conductor in pair:	black with numeric marking of pair

 Tripple:

1. conductor	white
2. conductor	black with numeric marking
3. conductor	grey
- Cable core:** Pairs resp. triples are coiled in positions
 Cable core is wrapping, resp. longitudinal covered by two AIPET foils, with min. 1 contact CuSn wire with min. diameter 0,4 mm which is between them.
- Sheath:** PVC in black colour, stabilized against UV radiation

Technical data:

- Nominal voltage:** 300 V
- Test voltage (conductor/conductor):** 1000 V
- Test voltage (conductor/shielding):** 500 V
- Operating temperature:** -25 °C to +70 °C
- Min. temperature for laying:** -5 °C
- Diameter over covering appr.:**

1x3x1,3 mm ²	11,0 mm
1x2x1,3 mm ²	10,0 mm
2x2x1,3 mm ²	13,0 mm
4x2x1,3 mm ²	14,5 mm
8x2x1,3 mm ²	18,0 mm
12x2x1,3 mm ²	20,0 mm
16x2x1,3 mm ²	23,0 mm

