LiYCY is a shielded, multiconductor signal and control cable recommended for use in European designed computer, data transmission and office equipment, process control and instrumentation, where additional EMI protection is required.

### Technical data:

- **Peak operating voltage:**
  - < 24 AWG = max. 350 V
  - ≥ 24 AWG = max. 500 V

- **Testing voltage:**
  - < 24 AWG = 800 V
  - ≥ 24 AWG = 1200 V

- **Min. bending radius**
  - fixed installation: 5 x O.D.
  - free movement: 10 x O.D.

- **Capacitance:**
  - see page N/8

- **Radiation resistance:**
  - 8 x 10⁻²⁵ Ω

- **Temperature range**
  - static:
    - -30/+70 °C
  - flexing:
    - -5/+70 °C

- **Burning characteristics:**
  - flame retardant and self-extinguishing
  - acc. to IEC 60332-1-2 + EN 60332-1-2

- **Oil resistance:**
  - acc. to internal standard, see page N/27

- **Chem. resistance:**
  - see page N/9

- **Color code:**
  - see page N/24

- **Absence of harmful substances:**
  - acc. to RoHS directive of the European Union
  - see page N/28

### Construction:

- **Conductor:** bare copper strands with reference to DIN VDE 0812
- **Insulation:** PVC, Y22 acc. to DIN VDE 0207 part 4
- **Color code:** with reference to DIN 47100
- **Stranding:** in layers
- **Wrapping:** PETP foil in layers
- **Screen:** tinned copper braiding
- **Jacket material:** PVC, YM1 acc. to DIN VDE 0207 part 5
- **Jacket color:** gray

### Outstanding features:

- good EMC characteristic
- flexible
- small outer diameter
- small bending radius

### Data Cables

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- **Color code:** see page N/24

- **Absence of harmful substances:** acc. to RoHS directive of the European Union

### Item No.

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**E-mail:** info@sabcable.com  
**Web site:** www.sabcable.com
LiYCY Multiconductor signal and control cable overall braid DIN Color code

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**DATA CABLES**

BRÖCKSKES · D-VIERSEN · LiYCY 7 x 0.14 mm²

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**Marking for LiYCY 03150714:**

SAB BRÖCKSKES · D-VIERSEN · LiYCY 7 x 0.14 mm² / CE

**Other dimensions and colors are possible on request.**