

## LiYCY-CY Shielded PVC Data Cable



LiYCY-CY is a VDE approved, flexible, overall and individually shielded, PVC multi-conductor European data transmission cable. For use in flexible or stationary applications under low mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used as a flexible connecting cable for electronic control equipment and computers in strong interference fields. The overall and individual tinned copper braid shields offer the best protection against electrical interference for perfect and precise impulse and data transmissions. Not permitted for outdoor use.



### Construction:

- Fine bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5
- Special PVC core insulation
- Color code DIN47100 - without color repetition
- Individual tinned copper braided cores
- PVC inner jacket over cores
- Plastic foil separator
- Overall 85% tinned copper braid
- PVC outer jacket - gray (RAL 7001/7032)
- **Extremely oil resistant**

### Technical:

- Working voltage: 350 volts
- Test voltage: 1200 volts
- Flexing bending radius: 15 x Ø
- Static bending radius: 6 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1-2
- Insulation resistance: 20 MΩ x km

### Approvals:

- VDE-0812
- CE Low Voltage Directive 73/23/EEC and 93/68/EEC
- ROHS compliant

PART NUMBER	CORES	NOMINAL OD	CU LBS/MFT	WT LBS/MFT
<b>24 AWG (14/34) 0,25mm<sup>2</sup></b>				
5022402	2	0.268" / 6.8mm	24	42
5022403	3	0.283" / 7.2mm	28	48
5022404	4	0.311" / 7.9mm	34	58
5022405	5	0.335" / 8.5mm	41	69
5022407	7	0.366" / 9.3mm	52	88
<b>20 AWG (16/32) 0,50mm<sup>2</sup></b>				
5022002	2	0.283" / 7.2mm	28	46
5022003	3	0.303" / 7.7mm	36	71
5022004	4	0.331" / 8.4mm	44	87
5022005	5	0.362" / 9.2mm	52	108
5022007	7	0.402" / 10.2mm	63	131

\* Additional sizes may be available.