

## LiY (LiYv) VDE single-core



LiY (LiYv) is a 80 Deg. C. flexible VDE approved PVC hook-up wire recommended for the connection of low voltage applications, communications apparatus, electronic assemblies, equipment, racks and switchboards. These stranded hook-up wires are not permitted to be installed in heavy current applications outside of the equipment.



### Construction:

- Tinned copper strands
- Strands to VDE-0295 Class-5, IEC 60228 CI-5
- Special PVC core insulation
- Cores to VDE-0293 colors on chart

### Technical:

- Working voltage: 500v (26 AWG)
- Working voltage: 900v (24 AWG and up)
- Test voltage: 1200v (26 AWG)
- Test voltage: 2500v (24 AWG and up)
- Flexing bending radius: 12.5 x Ø
- Static bending radius: 12.5 x Ø
- Flexing temp: -5° C to +70° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1
- 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 |
|-----------------------------------|-------|---------------|------------|------------|
| 26 AWG (18/38) 0,14mm2<br>33026** | 1     | .039" / 1.0mm | 1          | 1          |
| 24 AWG (14/34) 0,25mm2<br>33024** | 1     | .051" / 1.3mm | 1          | 2          |
| 22 AWG (19/34) 0,34mm2<br>33022** | 1     | .055" / 1.4mm | 2          | 3          |
| 20 AWG (16/32) 0,50mm2<br>33020** | 1     | .071" / 1.8mm | 3          | 5          |
| 18 AWG (24/32) 0,75mm2<br>33018** | 1     | .078" / 2.0mm | 5          | 8          |
| 17 AWG (32/32) 1,00mm2<br>33017** | 1     | .082" / 2.1mm | 7          | 12         |
| 16 AWG (30/30) 1,50mm2<br>33016** | 1     | .102" / 2.6mm | 9          | 15         |
| 14 AWG (50/30) 2,50mm2<br>33014** | 1     | .126" / 3.2mm | 16         | 25         |

### Color Code Chart

- 00 - Green/Yellow
- 01 - Black
- 02 - Blue (RAL5015)
- 03 - Brown
- 04 - Red
- 05 - White
- 06 - Gray
- 07 - Violet
- 08 - Pink
- 09 - Orange
- 10 - Transparent
- 11 - Yellow
- 12 - Green
- 13 - Beige
- 14 - Dark Blue (RAL5010)

Insert a 2-digit color code from the Color Code Chart for the \*\* found at the end of the proper part number. i.e. - 3302412 - LiY, 24 AWG (0,25mm2) Green

\* Additional AWG sizes & colors may be available.