

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 33026**	1	.039" / 1.0mm	1	1
24 AWG (14/34) 0,25mm2 33024**	1	.051" / 1.3mm	2	2
22 AWG (19/34) 0,34mm2 33022**	1	.055" / 1.4mm	2	3
20 AWG (16/32) 0,50mm2 33020**	1	.071" / 1.8mm	3	5
18 AWG (24/32) 0,75mm2 33018**	1	.078" / 2.0mm	5	8
17 AWG (32/32) 1,00mm2 33017**	1	.082" / 2.1mm	7	12
16 AWG (30/30) 1,50mm2 33016**	1	.102" / 2.6mm	9	15
14 AWG (50/30) 2,50mm2 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.