

LiFY super flexible - 1 kV



LiFY is a super flexible, 1000 volts, VDE approved, PVC single conductor lead wire. These highly flexible cores are used as connecting cores on appliances often moved place to place, portable measuring assemblies in the field of technical education and for rapid temporary installations of testing appliances and equipment.



Construction:

- Super-fine bare copper strands
- Strands to VDE-0295 Class 6, IEC 60228 Cl-6
- Special PVC core insulation
- Cores to VDE-0293 colors on chart

Technical:

- Working voltage: 1000 volts
- Test voltage: 3000 volts
- Flexing bending radius: 5 x Ø
- Static bending radius: 10 x Ø
- Flexing temp: -15° C to +80° C
- Static temp: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

Approvals:

- VDE-0250, 0281, 0295
- 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 (72/42) 0,14mm2 33260**	1	.043" / 1.1mm	1	1
24 AWG (65/40) 0,25mm2 33240**	1	.055" / 1.4mm	2	3
20 AWG (132/40) 0,50mm2 33220**	1	.078" / 2.0mm	3	5
18 AWG (195/40) 0,75mm2 33218**	1	.086" / 2.2mm	5	8
17 AWG (260/40) 1,00mm2 33217**	1	.098" / 2.5mm	7	12
16 AWG (192/38) 1,50mm2 33216**	1	.137" / 3.5mm	10	15
14 AWG (320/38) 2,50mm2 33214**	1	.149" / 3.8mm	17	25
12 AWG (512/38) 4,0mm2 33212**	1	.201" / 5.1mm	27	34
10 AWG (768/38) 6,0mm2 33210**	1	.256" / 6.5mm	40	48
8 AWG (1280/38) 10,0mm2 33208**	1	.295" / 7.5mm	67	87
6 AWG (2048/38) 16,0mm2 33206**	1	.358" / 9.1mm	107	125
4 AWG (3234/38) 25,0mm2 33204**	1	.413" / 10.5mm	161	197
2 AWG (4508/38) 35,0mm2 33202**	1	.461" / 11.7mm	225	255
1 AWG (6468/38) 50,0mm2 33201**	1	.583" / 14.8mm	322	349
2/0 AWG (8967/38) 70,0mm2 33221**	1	.669" / 17.0mm	451	496

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
- 11 - Yellow
- 12 - Green
- 13 - Beige

Insert a 2-digit color code from the Color Code Chart for the ** found at the end of the proper part number.

i.e. - 3321804 - LiFY, 18 AWG (0,75mm2) Red

* Additional AWG sizes are available.