



LiFY

Application and Description

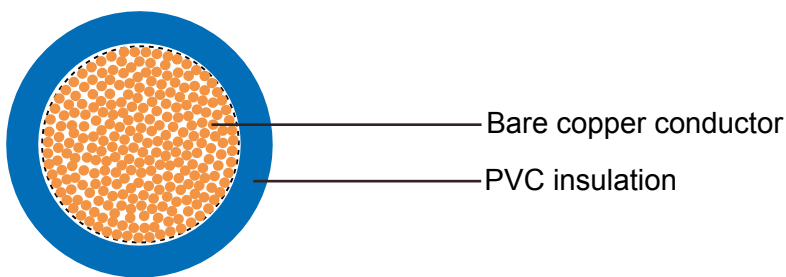
LiFY is highly flexible lead wire, it can be used as super flexible insulated strand wires for switch cabinets, as measuring cable for testing, laboratories, research etc.

Standard and Approval

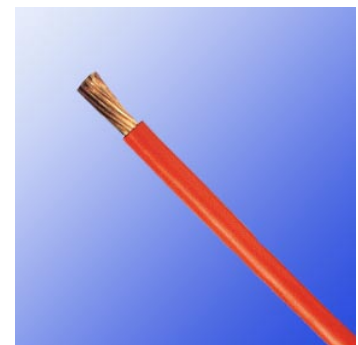
VDE 0250, VDE 0281, VDE 0295, CE Low Voltage Directive 73/23/EEC and 93/68/EEC, ROHS compliant

Cable Construction

- Super fine bare copper strands
- Strands to VDE-0295 Class-6, IEC 60228 CI-6
- Special PVC core insulation
- Cores identification to VDE-0293



LiFY



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Technical Characteristics

- Working voltage: 1000 V
- Test voltage: 3000 V
- Flexing bending radius: 10 x Ø
- Static bending radius: 5 x Ø
- Flexing temperature: -15° C to +80° C
- Static temperature: -30° C to +80° C
- Flame retardant: VDE 0472 part 804, test method B, and IEC 60332.1
- Insulation resistance: 10 MΩ x km

Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm ²	Nominal Overall Diameter mm	Nominal Copper Weight kg/km	Nominal Cable Weight kg/km
26(72/42)	1 x 0.14	1.1	1.4	2.6
24(65/40)	1 x 0.25	1.4	2.5	4.2
20(132/40)	1 x 0.50	2.2	5.5	8
18(195/40)	1 x 0.75	2.4	8	12
17(260/40)	1 x 1.00	2.6	10.8	18
16(192/38)	1 x 1.50	3.3	15	22
14(320/38)	1 x 2.50	3.9	25	37
12(512/38)	1 x 4.00	5.1	40	50
10(768/38)	1 x 6.00	6.5	60	71
8(1280/38)	1 x 10.0	7.5	100	130
6(2048/38)	1 x 16.0	9.1	160	187
4(3234/38)	1 x 25.0	10.8	240	294
2(4508/38)	1 x 35.0	11.9	336	380
1(6468/38)	1 x 50.0	14.9	480	521
2/0(8967/38)	1 x 70.0	17.0	672	740