



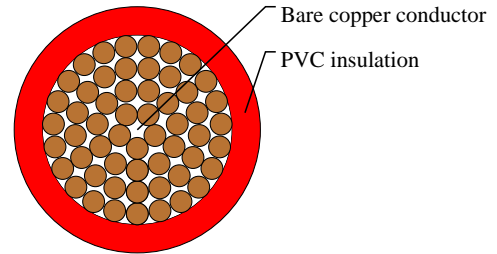
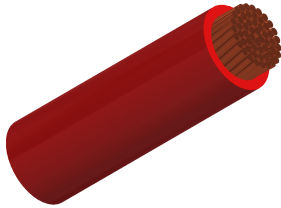
Caledonian

Industrial Cables (German Standard)

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LiFY



APPLICATIONS

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.

STANDARDS

VDE 0250

VDE 0281

VDE 0295

VOLTAGE RATING

1000V

CABLE CONSTRUCTION

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

COLOUR CODE

Insulation Colour Code

Cores identification to VDE-0293

Single core - Black, Blue, Green/Yellow, Red, Yellow, White, Violet, Brown, Grey, Orange, Pink

PHYSICAL AND THERMAL PROPERTIES

- 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

DIMENSION AND PARAMETERS



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No. of Cores × Cross-sectional Area	AWG Size	Approx. Overall Diameter	Nominal Copper Weight	Approx. Weight
No. × mm ²		mm	kg/km	kg/km
1 x 4	12(512/38)	5.1	40	50