



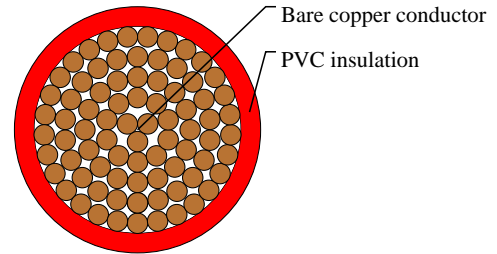
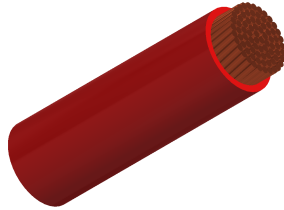
# Caledonian

Industrial Cables (German Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

## 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



# Caledonian

Industrial Cables (German Standard)

[www.caledonian-cables.com](http://www.caledonian-cables.com)

[marketing@caledonian-cables.com](mailto:marketing@caledonian-cables.com)

| No. of Cores ×<br>Cross-sectional Area | AWG Size   | Approx. Overall<br>Diameter | Nominal<br>Copper Weight | Approx. Weight |
|--|------------|-----------------------------|--------------------------|----------------|
| No. × mm <sup>2</sup>                  |            | mm                          | kg/km                    | kg/km          |
| 1 x 10                                 | 8(1280/38) | 7.5                         | 100                      | 130            |