



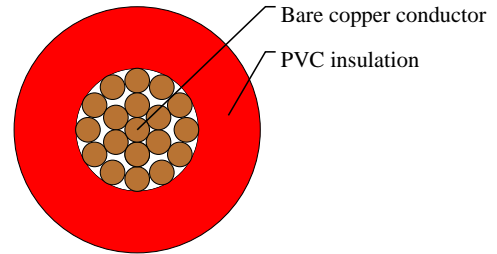
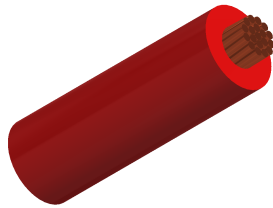
# Caledonian

Industrial Cables (German Standard)

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

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## LiYW



## APPLICATIONS

These thermal insulated wires are ideal for use in power current installation, switch cabinets, motors and transformers which are subject to direct contact with high temperature (e.g. varnishing machines and drying towers etc.). These are also suitable for inside wiring of electrical equipments such as lighting and heating apparatus.

## STANDARDS

VDE-0281-7

## VOLTAGE RATING

300/500V

## CABLE CONSTRUCTION

- Bare copper strands
- Strands to VDE-0295 Class-5, IEC 60228 Cl-5, BS 6360 cl. 5 and HD 383
- Special heat-resistant 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: 2000 V
- Flexing bending radius:  $12.5 \times \varnothing$
- Static bending radius:  $12.5 \times \varnothing$
- Flexing temperature:  $-5^{\circ} \text{C}$  to  $+105^{\circ} \text{C}$
- Static temperature:  $-10^{\circ} \text{C}$  to  $+105^{\circ} \text{C}$
- Flame retardant: IEC 60332.1
- Insulation resistance:  $20 \text{ M}\Omega \times \text{km}$

## 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 <sup>2</sup>		mm	kg/km	kg/km
1 x 0.34	22(19/34)	1.4	3.6	5.3