



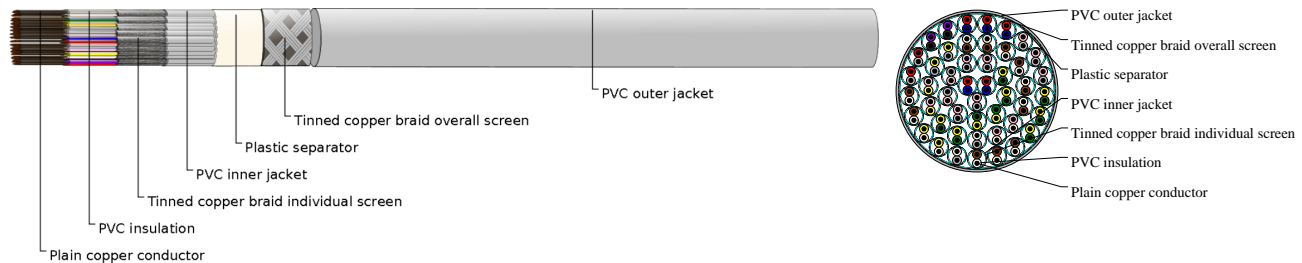
# Caledonian

Industrial Cables (German Standard)

www.caledonian-cables.com

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## LiYCYCY



## APPLICATIONS

LiYCYCY braiding cable is for use in flexible or stationary applications under low mechanical stress with free movement without any tensile stress, loads or forced movements in dry, moist and wet conditions. Commonly used as a flexible connecting cable for electronic control equipment and computers in strong interference fields. The overall and individual tinned copper braid shields offer the best protection against electrical interference for perfect and precise impulse and data transmissions.

## STANDARDS

VDE 0245

VDE 0812

## VOLTAGE RATING

350V

## CABLE CONSTRUCTION

- Plain copper conductor
- Stranded to DIN VDE 0295 cl. 5, BS 6360 cl. 5 IEC 60228 cl.5
- PVC core insulation to DIN VDE 0281 part 1
- Cores twisted into pairs, pairs twisted into layers
- Pairs screened individually, tinned copper braid, approx. 85% coverage
- PVC inner jacket
- Plastic foil separator
- 85% tinned copper braid
- PVC outer jacket to DIN VDE 0281 part 1

## COLOUR CODE

Insulation Colour Code

Color coded to DIN 47100, but without color repetition

48 Pairs - White\_Brown+Green\_Yellow+Grey\_Pink+Blue\_Red+Black\_Violet+Grey/Pink\_Red/Blue  
+White/Green\_Brown/Green+White/Yellow\_Yellow/Brown+White/Grey\_Grey/Brown+White/Pink\_Pink/Brown  
+White/Blue\_Brown/Blue+White/Red\_Brown/Red+White/Black\_Brown/Black+Grey/Green\_Yellow/Grey  
+Pink/Green\_Yellow/Pink+Green/Blue\_Yellow/Blue+Green/Red\_Yellow/Red+Green/Black\_Yellow/Black  
+Grey/Blue\_Pink/Blue+Grey/Red\_Pink/Red+Grey/Black\_Pink/Black+Blue/Black\_Red/Black+White\_Brown



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+Green\_Yellow+Grey\_Pink+Blue\_Red+Black\_Violet+Grey/Pink\_Red/Blue+White/Green\_Brown/Green  
+White/Yellow\_Yellow/Brown+White/Grey\_Grey/Brown+White/Pink\_Pink/Brown+White/Blue\_Brown/Blue  
+White/Red\_Brown/Red+White/Black\_Brown/Black+Grey/Green\_Yellow/Grey+Pink/Green\_Yellow/Pink  
+Green/Blue\_Yellow/Blue+Green/Red\_Yellow/Red+Green/Black\_Yellow/Black+Grey/Blue\_Pink/Blue  
+Grey/Red\_Pink/Red+Grey/Black\_Pink/Black+Blue/Black\_Red/Black+White\_Brown+Green\_Yellow  
+Grey\_Pink+Blue\_Red

## PHYSICAL AND THERMAL PROPERTIES

- Test voltage: 1200 volts
- Minimum bending radius: 6 x Ø
- Flexing temperature: -5° C to +70° C
- Static temperature: -30° C to +80° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km

## DIMENSION AND PARAMETERS

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
48x2x0.25	24(14/34)	34.5	840.5	970