

## LiFY Single Core Cable - 0.5mm<sup>2</sup> to 70mm<sup>2</sup>



### Description

LiFY is a class 6 copper single core cable. It is a highly flexible power and control wiring cable most often in switch cabinets and measuring equipment found in laboratories and on portable testing equipment. It is similar to Tri rated cable though being more flexible does reduce its overall operating temperature range slightly. It is available in a range of 15 different colour sheaths.

### Key Features



**Voltage Rating**  
 0.5mm<sup>2</sup> - 1mm<sup>2</sup>: 300/500V  
 1.5mm<sup>2</sup> and above: 450/750V



**Minimum Bending Radius**  
 8 x Overall Diameter



**Flame Retardancy**  
 BS EN/IEC 60332-1-2



**Temperature Limits**  
 Temperature Range: -15°C to +80°C

### Standards

- DIN VDE 0250
- BS EN/IEC 60332-1-2
- BS EN 50525-1

### Construction

- **Conductor:** Flexible Copper Conductor
- **Sheath:** Polyvinyl Chloride (PVC)
- **Sheath Colour:** Various

### QA Lab

#### Cleveland Cable Test & Training Lab

Our state-of-the-art cable testing facility ensures that every cable meets the highest standards of quality and compliance through continuous, rigorous testing. Where applicable, cables are independently tested and certified by BASEC to ensure full compliance.



### CPR

Cleveland Cable Company is committed to compliance with the Construction Products Regulation (CPR). Where applicable, all cables manufactured after 1st July 2017 have been assessed in accordance with CPR requirements, with full supporting documentation available.



### Our Sustainability Commitment

We are committed to the journey to Net Zero as a business partner, an employer and a community member.

By thinking and acting sustainably, we deliver excellent customer service while reducing carbon emissions in collaboration with our customers and suppliers.



### ecovadis

Cleveland Cable Company has been independently assessed by EcoVadis, a globally recognised provider of business sustainability ratings. Our score places us among the top 35% of companies evaluated worldwide, reflecting our strong commitment to environmental, social, and ethical performance

**ecovadis**

## LifY Single Core Cable - 0.5mm<sup>2</sup> to 70mm<sup>2</sup> - Dimensions

Reference	AWG Stranding	Conductor Size (mm <sup>2</sup> )	No Of Cores	Overall Diameter(mm)	Weight(Kg/Km)
LIFYCUPVC500V1X0/5	20	0.5	1	2.0	8.0
LIFYCUPVC500V1X0/75	18	0.75	1	2.2	12.2
LIFYCUPVC500V1X1	17	1	1	2.5	18.0
LIFYCUPVC500V1X1/5	16	1.5	1	3.5	22.0
LIFYCUPVC500V1X2/5	14	2.5	1	3.8	38.0
LIFYCUPVC500V1X4	12	4	1	5.0	50.0
LIFYCUPVC500V1X6	10	6	1	6.0	70.0
LIFYCUPVC500V1X10	8	10	1	7.5	130.0
LIFYCUPVC500V1X16	6	16	1	9.0	188.0
LIFYCUPVC500V1X25	4	25	1	10.5	295.0
LIFYCUPVC500V1X35	2	35	1	11.8	380.0
LIFYCUPVC500V1X50	1	50	1	14.8	520.0
LIFYCUPVC500V1X70	2/0	70	1	15.5	740.0

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