



# LiYCY Cable



Eland Product Group: V62

## APPLICATION

LiYCY cable can be used for signal transmission between electronic devices, in computer systems or process control units with increased electromagnetic compatibility requirements.

## CHARACTERISTICS

**Voltage Rating (U<sub>0</sub>/U)**  
250/250V

**Voltage Test**  
1.2kV

**Temperature Rating**  
Fixed: -30°C to +180°C  
Installation: -5°C to +70°C

**Minimum Bending Radius**  
Fixed Installation: 6 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 5 Fine Stranded Bare Copper

**Insulation**  
PVC (Polyvinyl chloride)

**Screen**  
TCWB (Tinned Copper Wire Braid)

**Outer Sheath**  
PVC (Polyvinyl chloride)

### Core Identification

- 2 Core: ○ White ● Brown
- 3 Core: ○ White ● Brown ● Green
- 4 Core: ○ White ● Brown ● Green ● Yellow
- 5 Core: ○ White ● Brown ● Green ● Yellow ● Grey
- 6 Core: ○ White ● Brown ● Green ● Yellow ● Grey ● Pink
- Larger sizes: 6 Core colours + following colours in addition
- 7 Core: ● Blue
- 8 Core: ● Red
- 10 Core: ● Black ● Violet
- 12 Core: ● Grey/Pink ● Red/Blue
- 14 Core: ● White/Green ● Brown/Green
- 15 Core: ● White/Yellow
- 16 Core: ● Yellow/Brown
- 18 Core: ● White/Grey ● Grey/Brown
- 20 Core: ● White/Pink ● Pink/Brown
- 21 Core: ● White/Blue
- 24 Core: ● Brown/Blue ● White/Red ● Brown/Red
- 25 Core: ● White/Black
- 30 Core: ● Brown/Black ● Grey/Green ● Yellow/Grey ● Pink/Green ● Yellow/Pink

**Sheath Colour**  
● Grey

## STANDARDS

VDE 0482-332-1-2, EN 60811-2-

Fire Retardant according to: IEC 60332-1

## ISO/IEC 17025 LABORATORY TESTED

This product is subject to the Quality Assurance protocols of The Cable Lab®, an ISO/IEC 17025 accredited cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.



## REGULATORY COMPLIANCE

This cable is compliant with European Regulation EN 50575, the Construction Products Regulation.



This cable meets the requirements of the Low Voltage Directive 2014/35/EU and the RoHS Directive 2011/65/EU. RoHS compliance has been tested and confirmed by The Cable Lab® as meeting the requirements of the BSI RoHS Trusted Kitemark™.





## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V6202222GR000	2	0.14	3.9	21
V6202232GR000	2	0.25	4.6	28
V6202242GR000	2	0.34	4.8	31
V6202002GR000	2	0.5	5	36
V6202012GR000	2	0.75	6.7	62
V6202022GR000	2	1	7	74
V6202032GR000	2	1.5	7.7	86
V6203222GR000	3	0.14	4	40
V6203232GR000	3	0.25	4.8	34
V6203242GR000	3	0.34	5	38
V6203002GR000	3	0.5	5.3	45
V6203012GR000	3	0.75	7	73
V6203022GR000	3	1	7.3	89
V6203032GR000	3	1.5	8	107
V6204222GR000	4	0.14	4.2	43
V6204232GR000	4	0.25	5.2	40
V6204242GR000	4	0.34	5.4	46
V6204002GR000	4	0.5	5.7	54
V6204012GR000	4	0.75	7.6	92
V6204022GR000	4	1	8	107
V6204032GR000	4	1.5	9	129
V6205222GR000	5	0.14	4.6	47
V6205232GR000	5	0.25	5.7	47
V6205242GR000	5	0.34	5.9	54
V6205002GR000	5	0.5	6.4	67
V6205012GR000	5	0.75	8.2	110
V6205022GR000	5	1	8.6	132
V6205032GR000	5	1.5	10	150
V6206222GR000	6	0.14	4.9	52
V6206232GR000	6	0.25	6.3	54
V6206242GR000	6	0.34	6.6	62
V6206002GR000	6	0.5	6.9	76
V6206012GR000	6	0.75	9.1	128
V6207222GR000	7	0.14	5	54
V6207232GR000	7	0.25	6.3	61
V6207242GR000	7	0.34	6.7	70
V6207002GR000	7	0.5	7	84
V6207012GR000	7	0.75	9.7	145
V6207022GR000	7	1	9.2	158
V6207032GR000	7	1.5	10.8	192
V6208222GR000	8	0.14	6	58
V6208232GR000	8	0.25	6.4	66
V6208242GR000	8	0.34	7	76
V6208002GR000	8	0.5	7.3	107
V6208012GR000	8	0.75	9.8	151
V6208022GR000	8	1	10.5	179
V6209232GR000	10	0.25	6.7	80
V6209002GR000	10	0.5	8.8	134



ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OVERALL DIAMETER mm	NOMINAL WEIGHT kg/km
V6209012GR000	10	0.75	11.7	182
V6209022GR000	10	1	11.5	215
V6210222GR000	12	0.14	6.7	81
V6210232GR000	12	0.25	4.6	28
V6210242GR000	12	0.34	9	128
V6210002GR000	12	0.5	9.5	155
V6210012GR000	12	0.75	12	216
V6210022GR000	12	1	12	254
V6210032GR000	12	1.5	14	315
V6211232GR000	14	0.25	8	120
V6211242GR000	14	0.34	9.5	141
V6212232GR000	15	0.25	9.4	127
V6213222GR000	16	0.14	7.3	97
V6213232GR000	16	0.25	9.6	135
V6213002GR000	16	0.5	10.7	186
V6214232GR000	18	0.25	10	150
V6214012GR000	18	0.75	13.9	311
V6214032GR000	18	1.5	15.5	450
V6215222GR000	20	0.14	7.8	116
V6215232GR000	20	0.25	10.2	157
V6215002GR000	20	0.5	11.6	239
V6216232GR000	21	0.25	10.5	163
V6218002GR000	25	0.5	13.4	313
V6218012GR000	25	0.75	16.6	404
V6219242GR000	30	0.34	13.3	282

The information contained within this datasheet is for guidance only and is subject to change without notice or liability. All the information is provided in good faith and is believed to be correct at the time of publication. When selecting cable accessories, please note that actual cable dimensions may vary due to manufacturing tolerances.