

# 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.

## CONSTRUCTION

### Conductor

Class 5 Fine Stranded Bare Copper

### Insulation

PVC (Polyvinyl chloride)

### Screen

TCWB (Tinned Copper Wire Braid)

### Sheath

PVC (Polyvinyl chloride)

## CABLE STANDARDS

VDE 0482-332-1-2/IEC 60332-1-2, EN 60811-2-1



The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

## CHARACTERISTICS

### Temperature Range

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

**Nominal Voltage U<sub>0</sub>/U**  
250/250V

**Test Voltage**  
1.2kV

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

### 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

## DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm <sup>2</sup>	NOMINAL OUTER 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 OUTER DIAMATER 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