

LiYY Cable



Eland Product Group: **V61**

APPLICATION

This cable can be used for signal transmission between electronic devices, in computer systems or process control units.

CONSTRUCTION

Conductor

Class 5 Fine Stranded Bare Copper

Insulation

PVC (Polyvinyl chloride)

Sheath

PVC (Polyvinyl chloride)

CABLE STANDARDS

VDE 0482-332-1-2/IEC 60332-1, 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 +80°C

During Installation: -5°C to +70°C

Minimum Bending Radius

Fixed Installation: 5 x overall diameter

Moved Application: 7.5 x overall diameter

Nominal Voltage U₀/U

250/250V

Test Voltage

1.2kV

Core Identification:

2 Core: ○ White ● Brown

3 Core: ○ White ● Brown ● Green

4 Core: ○ White ● Brown ● Green ● Yellow

5 Core: ○ White ● Brown ● Green ● Yellow ● Grey

Larger sizes: 5 Core colours + following colours in addition

7 Core: ● Pink ● Blue

8 Core: ● Red

12 Core: ● Black ● Violet ● Grey/Pink ● Red/Blue

14 Core: ● White/Green ● Brown/Green

18 Core: ● White/Yellow ● Yellow/Brown ● White/Grey
● Grey/Brown

21 Core: ● White/Pink ● Pink/Brown ● White/Blue

24 Core: ● Brown/Blue ● White/Red ● Brown/Red

Sheath Colour

● Grey

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	NOMINAL OUTER DIAMATER mm	NOMINAL WEIGHT kg/km
V6102222GR000	2	0.14	3.2	12
V6102232GR000	2	0.25	3.6	17
V6102242GR000	2	0.34	4.2	19
V6102002GR000	2	0.50	5.6	23
V6102012GR000	2	0.75	5.9	48
V6102022GR000	2	1	6	61
V6103222GR000	3	0.14	3.4	17
V6103232GR000	3	0.25	3.8	21
V6103242GR000	3	0.34	4.5	19
V6103002GR000	3	0.5	5.9	31
V6103012GR000	3	0.75	6	57
V6104222GR000	4	0.14	3.7	19
V6104232GR000	4	0.25	4.1	27
V6104242GR000	4	0.34	4.9	32
V6104002GR000	4	0.5	6.4	39
V6104012GR000	4	0.75	6.5	69
V6104022GR000	4	1	6.5	85
V6105222GR000	5	0.14	4	22
V6105232GR000	5	0.25	4.5	32
V6105242GR000	5	0.34	5.6	38
V6105002GR000	5	0.5	7	47
V6107222GR000	7	0.14	4.7	27
V6107232GR000	7	0.25	5.4	42
V6107242GR000	7	0.34	6.6	50
V6107002GR000	7	0.5	7.6	65
V6108222GR000	8	0.14	5.3	30
V6108232GR000	8	0.25	6.1	51
V6108242GR000	8	0.34	7.2	61
V6108002GR000	8	0.5	7.9	75
V6110222GR000	12	0.14	5.8	48
V6110232GR000	12	0.25	6.6	71
V6110242GR000	12	0.34	7.9	85
V6110002GR000	12	0.5	9.7	121
V6110012GR000	12	0.75	10.1	179
V6111222GR000	14	0.14	6.1	54
V6114222GR000	18	0.14	6.7	72
V6116222GR000	21	0.14	7.5	77
V6116002GR000	21	0.5	12.6	184
V6117222GR000	24	0.14	7.8	94
V6117002GR000	24	0.5	13.6	221