

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.

CHARACTERISTICS

Voltage Rating Uo/U
250/250V

Temperature Rating
Fixed: -30°C to +80°C
Flexed: -5°C to +70°C

Minimum Bending Radius
Fixed: 5 x overall diameter
Flexed: 7.5 x overall diameter

CONSTRUCTION

Conductor
Class 5 Fine Stranded Bare Copper

Insulation
PVC (Polyvinyl chloride)

Outer Sheath
PVC (Polyvinyl chloride)

Core Identification

- | | |
|----------------------|-------------------------|
| Core 1: ○ White | Core 13: ● White/Green |
| Core 2: ● Brown | Core 14: ● Brown/Green |
| Core 3: ● Green | Core 15: ● White/Yellow |
| Core 4: ● Yellow | Core 16: ● Yellow/Brown |
| Core 5: ● Grey | Core 17: ● White/Grey |
| Core 6: ● Pink | Core 18: ● Grey/Brown |
| Core 7: ● Blue | Core 19: ● White/Pink |
| Core 8: ● Red | Core 20: ● Pink/Brown |
| Core 9: ● Black | Core 21: ● White/Blue |
| Core 10: ● Violet | Core 22: ● Brown/Blue |
| Core 11: ● Grey/Pink | Core 23: ● White/Red |
| Core 12: ● Red/Blue | Core 24: ● Brown/Red |

Sheath Colour

- Grey

STANDARDS

DIN VDE 0812

Flame 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 prod



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 ²	NOMINAL OVERALL DIAMETER 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
V6112222GR000	12	0.14	5.8	48
V6112232GR000	12	0.25	6.6	71
V6112242GR000	12	0.34	7.9	85
V6112002GR000	12	0.5	9.7	121
V6112012GR000	12	0.75	10.1	179
V6114222GR000	14	0.14	6.1	54
V6118222GR000	18	0.14	6.7	72
V6121222GR000	21	0.14	7.5	77
V6121002GR000	21	0.5	12.6	184
V6124222GR000	24	0.14	7.8	94
V6124002GR000	24	0.5	13.6	221

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.