



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** U<sub>o</sub>/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

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECCE CBTL ACCREDITED FACILITY

Our world-class testing facility assures the quality and compliance of this cable through a continuous and rigorous testing regime.



## SUSTAINABILITY COMMITMENT

We are on a journey to Net Zero.

We've committed to near-term emissions reductions and a net-zero target with the Science Based Targets initiative and we're a signatory to the United Nations Global Compact Sustainable Development Goals.

Learn more about embodied carbon and our carbon emissions reduction actions, our comprehensive recycling services, and wider ESG activities for sustainable operations at: [www.elandcables.com/company/about-us/esg-sustainability](http://www.elandcables.com/company/about-us/esg-sustainability)



## 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, the RoHS Directive 2015/65/EU and Reach Directive EC 1907/2006. RoHS compliance has been tested and confirmed by The Cable Lab<sup>®</sup>.





## DIMENSIONS

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