



Eland Product Group: V66

## APPLICATION

The Veriflex<sup>®</sup> Interface fieldbus cable facilitates simultaneous data and energy transmission. Application in signalling circuits, in production facilities and machine tools. Sheathed with a flame retardant halogen free.

## CHARACTERISTICS

**Voltage Rating**  
300V

**Temperature Rating**  
Fixed: -40°C to +105°C  
Flexed: -30°C to +105°C

**Minimum Bending Radius**  
Fixed: 12 x overall diameter  
Flexed: 24 x overall diameter

## CONSTRUCTION

**Conductor**  
Class 6 stranded tinned copper wires

**Insulation**  
TPE (Thermoplastic Elastomer)

**Sheath**  
TPE (Thermoplastic Elastomer)

**Core Identification**  
● Blue ● Brown

**Sheath Colour**  
● Yellow ● Black

## BSI KITEMARK™ TESTED



Cables are tested and verified by The Cable Lab<sup>®</sup> to confirm they meet the quality standards required of the BSI Cable Testing Verification Kitemark™.

## STANDARDS

VDE 0295, IEC/EN 60228, IEC/EN 60811-404, IEC 60695

## THE CABLE LAB<sup>®</sup>

AN ISO/IEC 17025 AND IECEE 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 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<sup>®</sup> as meeting the requirements of the BSI RoHS Trusted Kitemark™.





## DIMENSIONS

| ELAND PART NO.  | NO. OF CORES | NOMINAL CONDUCTOR CROSS SECTIONAL AREA mm <sup>2</sup> | NOMINAL INSULATION DIAMETER mm | NOMINAL OVERALL DIAMETER HxW mm | NOMINAL WEIGHT kg/km |
|-----------------|--------------|--|--------------------------------|---------------------------------|----------------------|
| VBUASIO203TP**0 | 2            | 1.5  | 2.5                            | 4 x 10                          | 69                   |

\*\* YW = Yellow BK = Black

## ELECTRICAL CHARACTERISTICS AT 20°C

| MAXIMUM CONDUCTOR RESISTANCE mohms/m | CAPACITANCE AT 167KHZ pF/m | INDUCTANCE AT 167KHZ nH/m | IMPEDANCE AT 167KHZ ohms |
|--------------------------------------|----------------------------|---------------------------|--------------------------|
| 13.7                                 | 35 to 45                   | 520 to 700                | 70 to 140                |

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.