

ELAND[®]
CABLES **Veriflex[®] AS-I BUS-Cable**

Eland Product Group: VBU

APPLICATION

The Veriflex[®] AS-I fieldbus cable facilitates simultaneous data and energy transmission. Application in signalling circuits, in production facilities and machine tools. Sheathed with a flame retardant Low Smoke Zero Halogen.

CHARACTERISTICS**Voltage Rating**

300V

Test Voltage

2kV

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

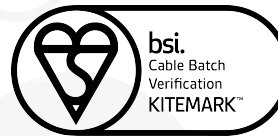
TPE (Thermoplastic Elastomer)

Core Identification

● Blue ● Brown

Sheath Colour

● Yellow ● Black

BSI KITEMARK[™] TESTED

KM 662609

Cables are tested and verified by The Cable Lab[®] to confirm they meet the quality standards required of the BSI Cable Batch Verification Kitemark[™]

STANDARDS

DIN EN 60228, VDE 0295, IEC 60228, IEC 60811-2-1, IEC 60707

**UK LABORATORY TESTED** 

This product is subject to the Quality Assurance protocols of The Cable Lab[®], a UKAS accredited ISO 17025 cable testing laboratory. Testing includes vertical flame, conductor resistance, tensile & elongation, and dimensional consistency, verified to published standards and approved product drawings.

**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[®] as meeting the requirements of the BSI RoHS Trusted Kitemark[™].



DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	INSULATION NOMINAL DIAMATER mm
VBUASIO203TP**0	2	1.5	2.5

** 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.