



Eland Product Group: V66

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 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

DIMENSIONS

ELAND PART NO.	NO. OF CORES	NOMINAL CROSS SECTIONAL AREA mm ²	INSULATION NOMINAL DIAMETER mm
VBUASI0203TP**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.

BSI KITEMARK™ TESTED



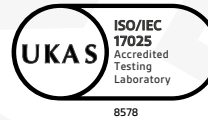
Cables are tested and verified by The Cable Lab® to confirm they meet the quality standards required of the BSI Cable Testing Verification Kitemark™.

STANDARDS

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

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 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™.

