**Veriflex® DeviceNet Thick LSZH Cable**

**APPLICATION**
Veriflex® DeviceNet Thick cable for fixed and occasional flexing indoor applications in CAN technologies. Connects industrial devices, motor starters and PLCs. Commonly used as trunk cables for industrial ethernet installations.

**CHARACTERISTICS**
- **Maximum Operating Voltage**: 300V
- **Temperature Rating**: -30°C to +80°C
- **Minimum Bending Radius**: 15 x overall diameter

**CONSTRUCTION**
- **Conductor**
  - Data Pair: Stranded tinned copper wires
  - Power Supply Pair: Stranded tinned copper wires
- **Insulation**
  - Data Pair: Foam-Skin Polyethylene
  - Power Supply Pair: Solid Polyethylene
- **Individual Pair Shield**
  - AL/PET (Aluminium/Polyester Tape)
- **Drain Wire**
  - Tinner Copper
- **Overall Shield**
  - TCWB (Tinned Copper Wire Braid)
- **Separation**
  - PET (Polyester Tape)
- **Sheath**
  - LSZH (Low Smoke Zero Halogen)
- **Core Identification**
  - Data Pair: White, Blue
  - Power Supply Pair: Black, Red
- **Sheath Colour**: Violet

**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**
- BS EN/IEC 61034-1/2, IEC 60754-1
- Flame Retardant according to BS EN/IEC 60332-1-2
- **DeviceNet**

**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 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

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NOMINAL CROSS SECTIONAL AREA mm²</th>
<th>CONDUCTOR AWG</th>
<th>NOMINAL DIAMETER OF OUTER SHEATH mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>VBUDNT04G7LSV10</td>
<td>0.93</td>
<td>1.93</td>
<td>18/19</td>
<td>15/19</td>
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</tbody>
</table>

## ELECTRICAL CHARACTERISTICS AT 20°C

<table>
<thead>
<tr>
<th>DC CONDUCTOR RESISTANCE Ω/km</th>
<th>CAPACITANCE AT 800 Hz DATA PAIR nF/km</th>
<th>IMPEDANCE ≥ 1 MHz DATA PAIR Ω</th>
<th>ATTENUATION DATA PAIR dB/100m</th>
<th>DIELECTRIC STRENGTH kVac / 1 min</th>
<th>MINIMUM INSULATION RESISTANCE GΩ x km</th>
<th>TRANSFER IMPEDANCE AT 10 MHZ mΩ/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>23.2</td>
<td>11.3</td>
<td>40</td>
<td>120</td>
<td>0.4</td>
<td>0.8</td>
<td>1.25</td>
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</tbody>
</table>

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.