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 TESTED Verification Kitemark™.

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

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™.
## DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>NOMINAL CROSS SECTIONAL AREA</th>
<th>CONDUCTOR AWG</th>
<th>NOMINAL DIAMETER OF OUTER SHEATH</th>
<th>NOMINAL WEIGHT</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Data Pair</td>
<td>Power Supply Pair</td>
<td>Data Pair</td>
<td>Power Supply Pair</td>
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<tr>
<td>VBUSN0467LSV0</td>
<td>0.93</td>
<td>1.93</td>
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## 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 GΩxkm</th>
<th>TRANSFER IMPEDANCE AT 10 MHz mΩm</th>
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</thead>
<tbody>
<tr>
<td>Data</td>
<td>Power Supply Pair</td>
<td></td>
<td></td>
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<tr>
<td>23.2</td>
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<td>120</td>
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<td>0.8</td>
<td>1.25</td>
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