8728 PVC - LSF Alternative Cable

Eland Product Group: A3B

APPLICATION
8728 Alternative cable is suitable for instrumentation, computer and security applications, point of sale, control systems, and RS232 applications.

CHARACTERISTICS
Voltage Rating
300V

Temperature Rating
Fixed: -20°C to +80°C

CONSTRUCTION
Conductor
Class 2 stranded tinned copper conductor

Insulation
PP (Polypropylene)

Screen
Individual aluminium foil screened pairs plus an overall aluminium foil tape

Drain Wire
Stranded tinned copper

Sheath
PVC-LSF (Polyvinyl Chloride-Low Smoke Fume)

Core Identification
Pair 1: ● Black ● Red
Pair 2: ● Green ● White

Sheath Colour
● Grey

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>NO. OF PAIRS</th>
<th>AWG (NO. OF STRANDS)</th>
<th>NOMINAL DIAMETER OF STRANDS mm</th>
<th>NOMINAL OVERALL DIAMETER mm</th>
<th>NOMINAL WEIGHT kg/km</th>
</tr>
</thead>
<tbody>
<tr>
<td>A3B8728LSFGR</td>
<td>2</td>
<td>AWG22(7)</td>
<td>0.25</td>
<td>5.46</td>
<td>45</td>
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ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>Belden Alternative</th>
<th>Capacitance at 1KHz pF/m</th>
<th>Maximum Resistance of Conductor at 20°C ohms/km</th>
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<tbody>
<tr>
<td>8728LSF</td>
<td>114.8</td>
<td>60.3</td>
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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.