Belden 9515 Multi-Conductor Cable

Eland Product Group: A4B

APPLICATION
An overall foil screened cable used for data, control circuits, computers and RS 232 applications.

CHARACTERISTICS
Voltage Rating
300V

Temperature Rating
-30°C to +80°C

CONSTRUCTION
Conductor
Class 2 stranded tinned copper conductor

Insulation
PVC (Polyvinyl Chloride)

Screen
Beldfoil® (Aluminium foil polyester tape)

Drain Wire
Tinned copper

Sheath
PVC (Polyvinyl Chloride)

Core Identification
Pair 1: ● Black ● Red
Pair 2: ● Black ● White
Pair 3: ● Black ● Green
Pair 4: ● Black ● Blue
Pair 5: ● Black ● Yellow
Pair 6: ● Black ● Brown
Pair 7: ● Black ● Orange
Pair 8: ● Red ● White
Pair 9: ● Red ● Green
Pair 10: ● Red ● Blue
Pair 11: ● Red ● Yellow
Pair 12: ● Red ● Brown
Pair 13: ● Red ● Orange
Pair 14: ● Green ● White
Pair 15: ● Green ● Blue

Sheath Colour
● Grey

STANDARDS
Belden 9515, 9519, 9525 as appropriate, EIA RS 232, UL Style 2464

Vertical tray fire propagation and smoke release test
UL 1685 FT4

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>BELDEN REFERENCE</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>A4B9515</td>
<td>9515</td>
<td>15</td>
<td>AWG24(7)</td>
<td>0.20</td>
<td>10.592</td>
<td>126.49</td>
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</table>

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>AWG (NO. OF STRANDS)</th>
<th>CAPACITANCE pF/m</th>
<th>VELOCITY OF PROPAGATION %</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20ºC ohms/km</th>
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<tbody>
<tr>
<td>Conductor to Conductor</td>
<td>98.43</td>
<td>164.05</td>
<td>60</td>
</tr>
<tr>
<td>Conductor to Shield</td>
<td>78.744</td>
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</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.