**Application**
A multi-core cable used for high data rates over extended distances supporting RS232 and RS423 applications.

**Characteristics**
- **Voltage Rating**: 300V
- **Temperature Rating**: -30°C to +80°C
- **Minimum Bending Radius**: 10 x overall diameter

**Construction**
- **Conductor**: Class 2 stranded tinned copper conductor
- **Insulation**: Datalene® FPE (Foam Polyethylene)
- **Screen 1**: Beldfoil® (Aluminium Foil Polyester Tape)
- **Drain Wire**: Tinned copper
- **Screen 2**: TCWB (Tinned Copper Wire Braid)
- **Sheath**: PVC (Polyvinyl Chloride)

**Core Identification**
- Black
- White
- Red
- Green
- Orange
- Blue
- White/Black
- Red/Black
- Green/Black
- Orange/Black
- Blue/Black
- Black/White
- Red/White
- Green/White
- Blue/White

**Sheath Colour**
- Grey

**Standards**
Belden 9936, EIA/RS 232, EIA/RS423

Vertical tray fire propagation and smoke release test: UL 1685

**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 CORES</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>
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<tbody>
<tr>
<td>A4B9936</td>
<td>9936</td>
<td>15</td>
<td>AWG24(7)</td>
<td>0.032</td>
<td>8.76</td>
<td>87.80</td>
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### 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 20°C ohms/km</th>
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<tbody>
<tr>
<td>AWG24(7)</td>
<td>39.37</td>
<td>72.18</td>
<td>78</td>
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