Belden 9519 Multi-Conductor Cable

**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  黃色
- Pair 12: ● Red  棕色
- Pair 13: ● Red  橙色
- Pair 14: ● 黃色  白色
- Pair 15: ● 黃色  藍色
- Pair 16: ● 黃色  黃色
- Pair 17: ● 黃色  棕色
- Pair 18: ● 黃色  橙色
- Pair 19: ○ 白色  藍色

**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>
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</thead>
<tbody>
<tr>
<td>A4B9519</td>
<td>9519</td>
<td>19</td>
<td>AWG24(7)</td>
<td>0.20</td>
<td>11.37</td>
<td>168.16</td>
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### ELECTRICAL CHARACTERISTICS

<table>
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<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>
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<tr>
<td>Conductor to Shield</td>
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