Belden 9402 Multi-Conductor Audio, Control and Instrumentation Cable

Eland Product Group: A4B

APPLICATION
An individual screened multi-pair cable suitable for use in audio, monitoring and instrumentation applications.

CONSTRUCTION
Conductor
Class 2 stranded tinned copper conductor

Insulation
SR - PVC (Semi Rigid - Polyvinyl Chloride)

Screen
Beidfoil® (Aluminium foil polyester tape)

Drain Wire
Tinned copper

Sheath
PVC (Polyvinyl Chloride)

CABLE STANDARDS
UL1685-FT4, UL 2464

The electrical and dimensional properties of this product are measured by the Technical and Quality Assurance department at the Eland Cables laboratory. Cable performance in respect of conductor resistance, construction quality (workmanship), dimensional consistency, and other parameters are verified to published standards and approved product drawings. Conformance to RoHS (Restriction of the use of Hazardous Substances) is determined and confirmed.

CHARACTERISTICS
Voltage Rating
300V

Temperature Rating
-20°C to +80°C

Minimum Bending Radius
10 x overall diameter

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

Sheath Colour
● Grey
## 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>A4B9402</td>
<td>9402</td>
<td>2</td>
<td>AWG20(7)</td>
<td>0.0810</td>
<td>7.62</td>
<td>72.92</td>
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</table>

## ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>AWG (NO. OF STRANDS)</th>
<th>CAPACITANCE</th>
<th>INDUCTANCE µH/m</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20ºC ohms/km</th>
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<tbody>
<tr>
<td></td>
<td>Conductor to Conductor pF/m</td>
<td>Conductor to Shield pF/m</td>
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<tr>
<td>AWG20(7)</td>
<td>180.455</td>
<td>311.695</td>
<td>0.558</td>
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