Belden 9365 Triad - 300V Power-Limited Tray Cable

Eland Product Group: A4B

APPLICATION
A single triad cable used for process control and instrumentation applications.

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)

CABLE STANDARDS
UL 1685-FT4, IEEE 1 202

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
-30°C to +105°C

Minimum Bending Radius
10 x overall diameter

Colour Coding
● Black ○ White ● Red

Sheath Colour
● Grey
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.

### DIMENSIONS

<table>
<thead>
<tr>
<th>ELAND PART NO.</th>
<th>BELDEN REFERENCE</th>
<th>NO. OF TRIADS</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>
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<td>AWG18(19)</td>
<td>0.0509</td>
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### ELECTRICAL CHARACTERISTICS

<table>
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<tr>
<th>AWG (NO. OF STRANDS)</th>
<th>CAPACITANCE</th>
<th>INDUCTANCE</th>
<th>IMPEDANCE</th>
<th>MAXIMUM RESISTANCE OF CONDUCTOR AT 20°C</th>
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<tbody>
<tr>
<td>Conductor to Conductor</td>
<td>pF/m</td>
<td>µH/mm</td>
<td>ohms</td>
<td>ohms/km</td>
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<tr>
<td>Conductor to Shield</td>
<td>pF/m</td>
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<td>AWG18(7)</td>
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