For more Information please call
1-800-Belden1

**General Description:**
DataTuff® Industrial Ethernet Ruggedized RJ45 Plug Kit UTP/STP, AWG 22-24, T568B. Suitable for use in IP20 unsealed installations.

**Usage (Overall)**
- Suitable Applications: Industrial ethernet, harsh environments including 10BaseTX, 100BaseTX, 1000BaseT, 10GBASE-T and IBDN System 10GX

**Applicable Specifications and Agency Compliance (Overall)**
- **Applicable Standards & Environmental Programs**
  - EU Directive 2002/95/EC (RoHS): Yes
  - EU RoHS Compliance Date (mm/dd/yyyy): 01/01/2006
  - MII Order #39 (China RoHS): EUP 50
  - Safety Listing: Bi-national Standard Listed

**Notes (Overall)**
- Notes: Refer to Installation Guide PX105479. For additional information about this product, visit our web site at http://www.belden.com

**Connectors**
- **Part Number:** R301602
- **Connector Materials:** UL94V-0 flame retardant, UV resistant
- **Sealing:** Suitable for IP20
- **Connector Interface:** IEC 60603-7
- **Shielding:** Zinc diecast - Nickel plated
- **Electrical Performance:** Cat 6A
- **Maximum Operating Voltage:** 300 V RMS
- **Storage Temperature Range:** -40°C To +85°C
- **Installation Temperature Range:** -40°C To +85°C
- **Operating Temperature Range:** -40°C To +85°C
- **Applicable Standards:** ANSI/TIA/EIA-568-C.2, EtherNet/IP Specification, UL1863

**Connector Specification Ranges:**

<table>
<thead>
<tr>
<th>Conductor</th>
<th>Solid</th>
<th>Stranded</th>
<th>Min. (in.)</th>
<th>Max. (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWG - Min.</td>
<td>24</td>
<td>24/7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AWG - Max.</td>
<td>22</td>
<td>22/7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insulation Diameter</td>
<td>0.043</td>
<td>0.063</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Jacket Diameter</td>
<td>0.197</td>
<td>0.354</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Notes:** UL Flame Test: UL2043 Air Handling Spaces

**Put Ups and Colors:**

<table>
<thead>
<tr>
<th>Item #</th>
<th>Putup</th>
<th>Ship Weight</th>
<th>Color</th>
<th>Notes</th>
<th>Item Desc</th>
</tr>
</thead>
<tbody>
<tr>
<td>R301602 00051</td>
<td>1 EA</td>
<td>0.060 LB</td>
<td>NONE</td>
<td></td>
<td>IND RUGG RJ45 T568B AWG22-24</td>
</tr>
</tbody>
</table>

Revision Number: 0    Revision Date: 10-12-2016

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