R301601 Connectors - DataTuff® Industrial Ethernet Ruggedized Plug Kit T568A Cat 6A AWG 22-24 UTP/STP IP20

For more Information please call 1-800-Belden1

General Description:
DataTuff® Industrial Ethernet Ruggedized RJ45 Plug Kit UTP/STP, AWG 22-24, T568A. 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: R301601
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 (mm)</th>
<th>Stranded (mm)</th>
<th>Min. (mm)</th>
<th>Max. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>AWG - Min.</td>
<td>24/24</td>
<td>24/24</td>
<td>1.092</td>
<td>1.600</td>
</tr>
<tr>
<td>AWG - Max.</td>
<td>22/22/7</td>
<td>22/22/7</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>R301601 00051</td>
<td>1 EA</td>
<td>0.060 LB</td>
<td>NONE</td>
<td></td>
<td>IND RUGG RJ45 T568A AWG22-24</td>
</tr>
</tbody>
</table>

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