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 &#43;70°C
Installation Temperature Range: -10°C To &#43;80°C
Operating Temperature Range: -40°C To &#43;70°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>27/7</td>
<td></td>
<td></td>
</tr>
<tr>
<td>AWG - Max.</td>
<td>22</td>
<td>22/7</td>
<td></td>
<td></td>
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<tr>
<td>Insulation Diameter</td>
<td>0.033</td>
<td>0.063</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outer Jacket Diameter</td>
<td>0.197</td>
<td>0.354</td>
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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>
</table>

For more Information please call 1-800-Belden1
Revision Number: 0  Revision Date: 12-12-2013

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