## General Description:
1 meter (3.3 ft.), Shielded with solid conductors (ref: Belden Bonded-Pair Cable 7957A). Cable Rating NEC: CMR, CMX-Outdoor. CEC: CMR FT4. MSHA. Beldfoil® (100% coverage) and TC Braid (70% coverage) Shield. 600V AWM Rated.

### Applicable Specifications and Agency Compliance (Overall)

<table>
<thead>
<tr>
<th>Applicable Standards &amp; Environmental Programs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>EU Directive 2002/95/EC (RoHS):</td>
<td>Yes</td>
</tr>
<tr>
<td>EU RoHS Compliance Date (mm/dd/yyyy):</td>
<td>01/01/2006</td>
</tr>
<tr>
<td>MII Order #39 (China RoHS):</td>
<td>EUP 50</td>
</tr>
</tbody>
</table>

### Notes (Overall)

Notes: For additional information about this product, visit our web site at http://www.belden.com

## Cable

### Description:
4 pair, 24 AWG Bare Copper, Polyolefin Insulation, Bonded pairs, Overall Beldfoil® and TC Braid Shield, Industrial Grade PVC, Oil Res, Sun Res, P-MSHA, CMR, CMXOutdoor, FT4, 600V AWM Rated.

### Part Number:
7957A

### Shielding:
Aluminum Foil-Polyester Tape/TC - Tinned Copper

### Electrical Performance:
Category 5e

### Maximum Operating Voltage:
300 V RMS (600 V AWM Rated)

### Applicable Standards:

## Connectors

### Description:
RJ45 plugs. Suitable for use in IP20 applications

### Connector Type:
Cat 5e

### Sealing:
Suitable for IP20

### Connector Interface:
IEC 60603-7

### Shielding:
Smooth Coated Aluminum

### Electrical Performance:
Cat 5e

### Maximum Operating Voltage:
300 V RMS

### Applicable Standards:

## Assembly

### Part Number:
E509001

### Electrical Performance:
Category 5e

### Maximum Operating Voltage:
300 V RMS (600 V AWM Rated)

### Storage Temperature Range:
-40°C To +70°C

### Installation Temperature Range:
-10°C To +60°C

### Operating Temperature Range:
-10°C To +60°C

### Applicable Standards:
ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, UL 1863 and CSA-22.2 No. 233

### Shielding:
Aluminum Foil-Polyester Tape/TC - Tinned Copper

### Length:
1 meter (3.3 ft.)

Notes: US Patent #'s 5, 606, 151; 5, 734, 126. EtherNet/IP is a trademark of ControlNet International, Ltd. under license by Open DeviceNet Vendor Association, Inc.

## Put Ups and Colors:
### Detailed Specifications & Technical Data

**ENGLISH MEASUREMENT VERSION**

#### E509001 Cord Sets - DataTuff® Cat 5e 600V AWM IP20 RJ45 Cord Set

<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>E509001 010S1</td>
<td>1 EA</td>
<td>0.276 LB</td>
<td>BLACK</td>
<td></td>
<td>CORDSET IP20 CAT 5E FTP SQ 1M BK</td>
</tr>
</tbody>
</table>

Revision Number: 0  Revision Date: 12-13-2013

© 2016 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability. Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein. All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor’s inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden’s knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.