# Detailed Specifications & Technical Data

**ENGLISH MEASUREMENT VERSION**

## E500005 Cord Sets - DataTuff® Cat 5e IP67 RJ45 Cord Set

For more Information please call

1-800-Belden1

## General Description:

5 meter (16.4 ft.), Unshielded with solid conductors (ref: Belden Bonded-Pair Cable 7923A). Cable Rating NEC: CMR, CMX-Outdoor. CEC: CMR FT4. MSHA.

## 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 |

## 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, Industrial Grade PVC, Oil Res, Sun Res, P-MSHA, CMR, CMX-Outdoor, FT4. |
| **Part Number:** | 7923A |
| **Shielding:** | Unshielded |
| **Electrical Performance:** | Category 5e |
| **Maximum Operating Voltage:** | 300 V RMS |
| **Applicable Standards:** | ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, EtherNet/IP(tm) Specification, UL 1666 Riser |

## Connectors

| | |
|---|---|
| **Description:** | Encapsulated RJ45 plugs. Suitable for use in IP67 sealed applications. |
| **Connector Type:** | Cat 5e |
| **Connector Materials:** | UL94V-0 flame retardant |
| **Sealing:** | Suitable for IP67 |
| **Connector Interface:** | IEC 60603-7 |
| **Encapsulation Interface:** | IEC61076-3-106 |
| **Tethered Cap:** | Yes |
| **Shielding:** | Unshielded |
| **Electrical Performance:** | Cat 5e |
| **Maximum Operating Voltage:** | 300 V RMS |
| **Current Rating:** | 0.3 Amps per conductor @ 25°C |
| **Applicable Standards:** | ANSI/TIA/EIA-568-C.2, ISO/IEC 11801 |

## Assembly

| | |
|---|---|
| **Part Number:** | E500005 |
| **Electrical Performance:** | Category 5e |
| **Maximum Operating Voltage:** | 300 V RMS |
| **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:** | Unshielded |
| **Length:** | 5 meter (16.4 ft.) |

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**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:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---|---|---|---|---|---|
| E500005 010S1 | 1 EA | 0.806 LB | BLACK | | CORDSET IP67 C5E UTP SO 5M BK |

Revision Number: 1 Revision Date: 12-13-2013


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