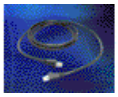
# Detailed Specifications & Technical Data

**ENGLISH MEASUREMENT VERSION**

## E505005 Cord Sets - DataTuff® Cat 5e 600V AWM IP20 RJ45 Cord Set



For more Information please call

1-800-Belden1

### General Description:

5 meter (16.4 ft.), Shielded with solid conductors (ref: Belden Bonded-Pair Cable 7958A). Cable Rating NEC: CMR, CMX-Outdoor. CEC: CMR FT4. MSHA. 600V AWM Rated.

### 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, Overall Beldfoil(R) Shield, Industrial Grade PVC, Oil Res, Sun Res, P-MSHA, CMR, CMXOutdoor, FT4, 600V AWM Rated. |
| **Part Number:** | 7958A |
| **Shielding:** | Aluminum Foil-Polyester Tape |
| **Electrical Performance:** | Category 5e |
| **Maximum Operating Voltage:** | 300 V RMS (600 V AWM Rated) |
| **Applicable Standards:** | ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, EtherNet/IP(tm) Specification, UL 1666 Riser |

### 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:** | ANSI/TIA/EIA-568-C.2, ISO/IEC 11801, EtherNet/IP Specification |

### Assembly

| | |
|---|---|
| **Part Number:** | E505005 xxxS1 - See Notes |
| **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 |
| **Current Rating:** | 0.5 Amps per conductor @ 25°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 |
| **Length:** | 5 meter (16.4 ft.) |

**Notes:** Part Number E505005 xxxS1 -- xxx = cable color (ex: 002=red, 006=blue, 008=gray, 010=black, 1NH=teal), S1 = Single unit. 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:

## E505005 Cord Sets - DataTuff® Cat 5e 600V AWM IP20 RJ45 Cord Set

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---|---|---|---|---|---|
| E505005 010S1 | 1 EA | 0.806 LB | BLACK | | CORDSET IP20 C5E FTP SO 5M BK |

Revision Number: 1 Revision Date: 08-24-2015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