

Part Number: E503005



Cord Sets, DataTuff® Cat 5e IP20 RJ45 Cord Set, 5m

[Request Sample](#)

Product Description

Five meters, Cat 5e IP20 RJ45 cord set, unshielded with stranded conductors (Belden cable 7924A)

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Environmental Space: | Indoor |
| Suitable Applications: | Industrial ethernet, harsh environments, TIA Category 5E, ISO Class D, 1000BASE-T, 100BASE-T |

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material |
|------------------------|-----------|--------------------|
| 24 | 7x32 | TC - Tinned Copper |
| Total Number of Pairs: | | 4 |
| Conductor Size: | | 24 AWG |

Insulation

| Material |
|-----------------|
| PO - Polyolefin |

Outer Shield Material

| Material |
|------------|
| Unshielded |

Outer Jacket Material

| Material | |
|---------------------------|---|
| PVC - Polyvinyl Chloride | |
| Overall Nominal Diameter: | 0.242 in. |
| Wiring Scheme: | T568A/B-T568A/B |
| Packaging: | Individually packaged in a clear plastic bag. |
| Weight: | .806 lbs |

Connectors

Materials

| Description | Material | Color | Type |
|------------------|---|-------|------|
| Plug | Polycarbonate | Black | RJ45 |
| Boot | UL94V-0 flame retardant | | |
| Front Connection | Blades Phosphor Bronze with 50u inch Gold over Nickel Plating | | |

Electrical Characteristics

| | |
|-------------------------|----------------------------------|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.500 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Max Contact Resistance: | 20 mOhm |

Voltage

| |
|--------------------------|
| UL Voltage Rating |
| 300 V RMS |

Temperature Range

| | |
|--------------------------|----------------|
| Installation Temp Range: | -10°C To +60°C |
| Storage Temp Range: | -40°C To +70°C |
| Operating Temp Range: | -10°C To +60°C |

Mechanical Characteristics

| | |
|----------------------------------|------------|
| Max Recommended Pulling Tension: | 11.250 lbs |
| Min Bend Radius (Overall Cable): | 2.500 in. |

Termination Interface

| Connection | Durabilities |
|------------------|--------------|
| Mated Connection | 750 Cycles |

Standards

| | |
|-------------------------------|--|
| UL Rating: | Riser |
| CSA Rating: | FT4 |
| Telecommunications Standards: | Category 5E - TIA 568-C.2, Class D - ISO/IEC 11801:2002 Ed.2 Amendment 2 |
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7, Cable Rating NEC: CMR, CMX-Outdoor. CEC: CMR FT4. MSHA. |

Applicable Environmental and Other Programs

| | |
|---------------------------------------|------------|
| EU Directive 2002/95/EC (RoHS): | Yes |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-01-01 |
| MII Order #39 (China RoHS): | EUP 50 |

Flammability, LS0H, Toxicity Testing

| | |
|--------------------|----------------|
| UL voltage rating: | 300 V RMS |
| Safety Listing: | c(UL)us Listed |

Notes

| | |
|-----------|---|
| Labeling: | Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length. |
|-----------|---|

© 2018 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.