



**Product:** [E501005](#)

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

[Request Sample](#)

### Product Description

Five meters, Cat 5e IP20 RJ45 cord set, unshielded with solid conductors (Belden cable 7923A)

### Technical Specifications

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 Temperature Range:	-10°C To +60°C
Storage Temperature Range:	-40°C To +70°C
Operating Temperature Range:	-10°C To +60°C

#### Mechanical Characteristics

Max. Pull Tension:	11.250 lbs
Min Bend Radius (Overall Cable):	2.500 in.

#### Termination Interface

Connection	Durabilities
Mated Connection	750 Cycles

#### Standards

NEC/(UL) Compliance:	CMR, CMX-Outdoor
UL Rating:	Riser
CSA Rating:	FT4
TIA/EIA Compliance:	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

#### Applicable Environmental and Other Programs

Environmental Space:	Indoor
EU Directive 2002/95/EC (RoHS):	Yes
MII Order #39 (China RoHS):	EUP 50

#### Flammability, LSOH, Toxicity Testing

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

#### Product Notes

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., , IEC 60603-7
Labeling:	Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length.

## History

Update and Revision: Revision Number: 0.103 Revision Date: 09-05-2023

## Product Overview

Suitable Applications: harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc.

## Physical Characteristics (Overall)

### Conductor

AWG	Stranding	Material
24	Solid	BC - Bare Copper

Conductor Size: 24 AWG

Total Number of Pairs: 4

### Insulation

Material
PO - Polyolefin

### Outer Shield

Material
No Shield

### Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Nominal Diameter: 0.23 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

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