



**Product:** [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**

Suitable Applications:	harsh environment, IIoT, factory or process automation, IP cameras and devices, data communication, etc.
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**Physical Characteristics (Overall)**

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

<b>Insulation</b>	
Material	PO - Polyolefin

<b>Outer Shield</b>	
Material	No Shield

<b>Outer Jacket</b>	
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**

<b>Materials</b>			
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 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, LS0H, 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: 0.98 Revision Date: 03-27-2024
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