BELDEN

Product: E504002 ↗

Cord Sets, DataTuff® Cat 5e 600V AWM IP67 RJ45 Cord Set, 2m

⚏ Request Sample

Product Description

Two meters, Cat 5e 600V AWM IP67 RJ45 cord set, shielded with solid conductors (Belden cable 7958A)

Technical Specifications

Product Overview

Suitable Applications:	noisy environment, wash down, 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
Bi-Laminate (Alum+Poly)

Outer Jacket

Material
PVC - Polyvinyl Chloride

Overall Nominal Diameter:	0.265 in.
Wiring Scheme:	T568A/B-T568A/B
Packaging:	Individually packaged in a clear plastic bag.
Weight:	.396 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 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

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, Cable Rating NEC: CMR, CMX-Outdoor. CEC: CMR FT4. MSHA.

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 61076-3-106, IEC 60603-7
Labeling:	Belden Part Number, Performance Acronym, Wiring Scheme and Cord Length.

History

Update and Revision:	Revision Number: 0.104 Revision Date: 04-08-2022