



Product: [Ind REVConn Core](#)

DataTuff Industrial REVConnect RJ45 Core



Product Description

Universal Industrial REVConnect Core that Can Plug into Jack or Plug

Technical Specifications

Product Overview

Suitable Applications:	Up to TIA Category 6A, ISO Class EA, 10GBASE-T
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Physical Characteristics (Overall)

Height:	0.58
Width:	0.46
Depth:	0.56
Wiring Scheme:	T568A/B
Packaging:	50 units packaged in a plastic bag.
Weight:	0.370 lbs

Connectors

Materials

Description	Material	Type
Front Connection	10uin Gold plated contacts over Nickel	Ind REVConnect
Connector Body	PBT - UL94V-0	

Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute (Signals to Ground)
Current Rating:	1.500 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 m-Ohm

Temperature Range

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

Mechanical Characteristics

Tool Compatibility:	RVUTT01 Termination Tool
Termination Rear Connection:	Mated Connection
Termination Rear Connection Durability:	200 cycles
Cable/Connector Retention:	25 lbs.
Connector/Hardware Retention:	20 lbs
Plug/Connector Retention:	11.250 lbs

Standards

UL Rating:	UL94V-0
TIA/EIA Compliance:	Up to Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2
IEEE Compliance:	Power Over Ethernet (PoE) IEEE 802.3at type 1 and 2 (up to 30W), IEEE802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W)
Other Specification:	UL 1863, IEC 60603-7, FCC part 68-F

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 Flammability:	UL2043 Air Handling Spaces
Safety Listing:	c(UL)us Listed

Related Part Numbers

Related Parts:	Compatible with Industrial RevConnect Jacks, Plugs and Couplers
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Variants

Item #	Color
RVUI00UEW-B50	Electric White

Product Notes

Notes:	Suitable with Solid and Stranded 23 to 24 AWG, UTP and Shielded cables. Insulation O.D. Range 0.035 to 0.055 in., Cable Jacket O.D. Max. 0.370 in. Please see Installation Guide PX106876 and PX106884.
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History

Update and Revision:	Revision Number: 0.61 Revision Date: 05-05-2023
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