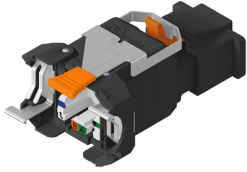




**Product:** [Ind REVConn C6A UTP Plug](#)



DataTuff Industrial REVConnect RJ45 Plug CAT6A UTP

## Product Description

Industrial REVConnect IP20 RJ45 Unshielded CAT6A Plug with Universal Core

## Technical Specifications

### Product Overview

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

Height:	0.73
Width:	1.1
Depth:	1.81
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.016 lbs

### Connectors

#### Materials

Description	Material	Type
Front Connection	Copper Clad Flexible PCB, Gold plated contacts over Palladium/Nickel	RJ45
Rear Connection	Copper Clad Flexible PCB, Gold plated contacts over Palladium/Nickel	Ind REVConnect
Connector Body	Polycarbonate - 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

Footprint/Type:	KeyConnect
Tool Compatibility:	RVUTT01 Termination Tool
Plug /Jack Compatibility:	RJ45, RJ11
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	750 cycles
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:	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)

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

## Related Part Numbers

Related Parts:	Refer to REVConnect WAP - CAMERA Compatibility Guide
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## Variants

Item #	Color
RVAIP2UBK-S1	Black

## Product Notes

Notes:	Please see Installation Guide PX106876.
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## History

Update and Revision:	Revision Number: 0.150 Revision Date: 05-06-2024
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