



**Product:** [Ind REVConn C6 UTP Jacks](#) 

DataTuff Industrial REVConnect RJ45 Jack CAT6 UTP

## Product Description

Industrial REVConnect IP20 RJ45 Unshielded CAT6 Jack with Universal Core

## Technical Specifications

### Product Overview

Suitable Applications:	TIA Category 6, ISO Class E, 1GBASE-T
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### Physical Characteristics (Overall)

Height:	0.94
Width:	0.64
Depth:	1.337
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, 50µin Gold plated contacts over Nickel	RJ45
Rear Connection	Copper alloy, Gold plated contacts over Nickel	Ind REVConnect
Connector Body	PBT glass reinforced UL94V-0	

### Electrical Characteristics

Dielectric Strength:	1,000V RMS @ 60 Hz for 1 minute (Signals to Ground)
Current Rating:	1.300 A
Insulation Resistance:	500 M-Ohm Minimum
Max Contact Resistance:	20 mOhm
Termination Resistance:	2.5 m-Ohm

### Temperature Range

Installation Temp Range:	-40°C To +70°C
Storage Temp Range:	-40°C To +70°C
Operating Temp 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 6 - TIA 568.C.2, Category 6 - 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, LSOH, Toxicity Testing

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

## Part Number

Related Parts:	Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels
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## Variants

Item #	Color
RV6J2UBK-B24	Black
RV6J2UBK-S1	Black
RV6J2UBL-B24	Blue
RV6J2UBL-S1	Blue
RV6J2UEW-B24	Electric White
RV6J2UEW-S1	Electric White
RV6J2UOR-B24	Orange
RV6J2UOR-S1	Orange
RV6J2UTE-B24	Teal
RV6J2UTE-S1	Teal

## Product Notes

Notes:	Please see Installation Guide PX106876.
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## History

Update and Revision:	Revision Number: 0.28 Revision Date: 03-16-2021
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