



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, 50uin 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 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 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)

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 KeyConnect Faceplates, Adapters, Boxes and Patch Panels
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Variants

Item #	Color
RV6IJ2UBK-S1	Black
RVAIJ2UBK-B24	Black
RVAIP2UBK-B24	Black
RVAIU2UBK-B24	Black
RV6IJ2UBL-S1	Blue
RVAIJ2UBL-B24	Blue
RV6IJ2UEW-B24	Electric White
RV6IJ2UEW-S1	Electric White
RVAIJ2UEW-B24	Electric White
RVAIU2UEW-B24	Electric White
RVAIJ2SME-B24	Metal
RVAIP2SME-B24	Metal
RV6IJ2UOR-B24	Orange
RV6IJ2UOR-S1	Orange
RVAIJ2UOR-B24	Orange
RV6IJ2UTE-B24	Teal
RV6IJ2UTE-S1	Teal
RVAIJ2UTE-B24	Teal

Product Notes

Notes:	Please see Installation Guide PX106876.
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History

Update and Revision:	Revision Number: 0.173 Revision Date: 09-19-2024
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