

# Part Number: 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**

Environmental Space:	Indoor
Suitable Applications:	TIA Category 6A, ISO Class EA, 10GBASE-T

## **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	Туре
Front Connection	Copper Clad Flexible PCB, Gold plated contacts over Palladium/Nickel	RJ45
Rear Connection	ear Connection Copper Clad Flexible PCB, Gold plated contacts over Palladium/Nickel	
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 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	
Telecommunications Standards:	Category 6A - TIA 568.C.2, Category 6A - ISO/IEC 11801:2002 Ed.2	
IEEE Specification:	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**

EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2006-07-01
MII Order #39 (China RoHS):	EUP 50

#### Flammability, LS0H, Toxicity Testing

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

## **Part Number**

Related Parts:	Refer to REVConnect WAP - CAMERA Compatibility Guide

#### Variants

Item #	Color
RVAIP2UBK-B24	Black
RVAIP2UBK-S1	Black

#### **Product Notes**

Notes:	Please see Installation Guide PX106876.	

## History

Update and Revision:	Revision Number: 0.10 Revision Date: 05-02-2019	
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