Belden

Product: Ind REVConn C6A UTP Couplers

DataTuff Industrial REVConnect Coupler CAT6A UTP

Product Description

Industrial REVConnect CAT6A Coupler that Connects 2 Cores

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

Overall Height:	0.87
Overall Width:	0.63
Overall Depth:	1.43
Wiring Scheme:	T568A/B
Packaging:	Individually packaged in a plastic bag.
Weight:	0.018 lbs

Connectors

Materials

Description	Material	Type
Front Connection	50uin Gold plated contacts over Nickel	Ind REVConnect
Rear Connection	Copper alloy, Gold plated contacts over 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

Connector System Compatibility:	KeyConnect
Tool Compatibility:	RVUTT01 Termination Tool
Termination Front Connection:	Mated Connection
Termination Front Connection Durability:	200 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, 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

Variants

Item #	Color
RVAIU2UBK-S1	Black
RVAIU2UEW-S1	Electric White

Product Notes

Notes:	Please see Installation Guide PX106876.

History

Update and Revision:	Revision Number: 0.172 Revision Date: 09-19-2024

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