



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)

| | |
|----------------|---|
| Height: | 0.87 |
| Width: | 0.63 |
| 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 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 |
| 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) |
| 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, LS0H, 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 |
|----------------|---|

Variants

| Item # | Color |
|---------------|----------------|
| RVAIU2UBK-B24 | Black |
| RVAIU2UBK-S1 | Black |
| RVAIU2UEW-B24 | Electric White |
| RVAIU2UEW-S1 | Electric White |

Product Notes

| | |
|--------|---|
| Notes: | Please see Installation Guide PX106876. |
|--------|---|

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.27 Revision Date: 03-16-2021 |
|----------------------|---|

© 2021 Belden, Inc
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[RVAIU2UBK-S1](#)