# BELDEN

**Product: RVAPPTM12JBK** ⧉

## REVConnect HD Patch Panel Termination Module, Cat 6A, 12 Port

### Product Description

REVConnect Category 6A Patch Panel Termination Module, 12 Port, Black

### Technical Specifications

#### Product Overview

| | |
|---|---|
| Suitable Applications: | Ethernet 10GBASE-T, Wi-Fi 6, Wi-Fi 5, In-Building Wireless, In-Building Small Cells, Mobile RAN, Data Center EoR and MoR, PoE++, PoE+, PoE |

#### Physical Characteristics (Overall)

| | |
|---|---|
| Height: | 1.73 |
| Width: | 4.33 |
| Depth: | 1.52 |
| Port Count: | 12 Port |
| Packaging: | Individually packaged in a cardboard box. |
| Weight: | 0.353 |

#### 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 | REVConnect |
| Connector Body | PBT Glass Reinforced UL94V-0 | |

#### Construction and Dimensions

| | |
|---|---|
| Max Capacity: | 12 Connectors (Preloaded) |

#### Electrical Characteristics

| | |
|---|---|
| Dielectric Strength: | 1,000 V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.300 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Termination Resistance: | 2.5 mOhm |

#### Temperature Range

| | |
|---|---|
| Installation Temperature Range: | -10°C to +60°C |
| Storage Temperature Range: | -40°C to +70°C |
| Operating Temperature Range: | -10°C to +60°C |

#### Mechanical Characteristics

| | |
|---|---|
| Footprint/Type: | REVConnect |
| Tool Compatibility: | REVConnect Termination Tool (RVUTT01) |
| Plug /Jack Compatibility: | RJ45 |
| Termination Front Connection: | Mated Connection |

| Termination Front Connection Durability: | 750 Cycles |
|---|---|
| Termination Rear Connection: | Mated Connection |
| Termination Rear Connection Durability: | 20 Cycles |
| Cable/Connector Retention: | 15 lbs |
| Connector/Hardware Retention: | 20 lbs |
| Plug/Connector Retention: | 11.250 lbs |

## Standards

| UL Rating: | UL94V-0 |
|---|---|
| Data Category: | Category 6A |
| 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), IEEE 802.3bt/D1.7 type 3 and 4 (up to 100W), CISCO UPOE (up to 60W), Power over HDBaseTTM (up to 100W) |
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7 |

## Applicable Environmental and Other Programs

| Environmental Space: | Indoor |
|---|---|
| EU Directive 2011/65/EU (RoHS 2): | Yes |
| MII Order #39 (China RoHS): | EUP 50 |

## Flammability, LS0H, Toxicity Testing

| Safety Listing: | c(UL)us Listed |
|---|---|

## Related Part Numbers

| Related Parts: | REVConnect Termination Tool, Cat 6A Modular Cords, REVConnect Empty High Density Patch Panels |
|---|---|

**Variants**

| Item # | Color |
|---|---|
| RVAPPTM12JBK | Black |

## Product Notes

| Included Parts: | 12 10GX REVConnect High Density Jacks, Black, Preloaded; 12 REVConnect Cable Managers and Caps; 1 Clear Window; 1 Frame; 1 Installation Guide |
|---|---|
| Notes: | For proper installation, refer to Installation Guide PX107031. |

## History

| Update and Revision: | Revision Number: 0.63 Revision Date: 10-19-2023 |
|---|---|