


Product: [REVConnect CAT6+ Jacks](#) 

REVConnect CAT6+ UTP Modular Jack, T568 A/B

Product Description

REVConnect CAT6+ Jacks are available in several colors and packaging quantities.

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Environmental Space: | Indoor |
| Suitable Applications: | 2400, 3600, 4800 Systems, TIA Category 6, ISO Class E, 1GBASE-T |

Physical Characteristics (Overall)

| | |
|----------------|---|
| Height: | 0.94 in |
| Width: | 0.64 in |
| Depth: | 1.337 in |
| 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 | REVConnect |
| Connector Body | PBT glass reinforced UL94V-0 | |

Electrical Characteristics

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|-------------------------|---|
| 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 mOhm |

Temperature Range

| | |
|--------------------------|----------------|
| Installation Temp Range: | -10°C To +60°C |
| Storage Temp Range: | -40°C To +70°C |
| Operating Temp Range: | -10°C To +60°C |

Mechanical Characteristics

| | |
|--|---|
| Footprint/Type: | KeyConnect |
| Tool Compatibility: | REVConnect Termination Tool (p/n RVUTT01) |
| 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: | 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 6+ |
| Telecommunications Standards: | Category 6 - TIA 568.C.2, Category 6 - 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: | Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels |
|----------------|---|

Variants

| Item # | Color | Packaging | Wiring Scheme |
|---------------|------------|----------------|---------------|
| RV6MJKUAL-B24 | Almond | Bulk Pack (24) | T568A/B |
| RV6MJKUAL-S1 | Almond | Single Pack | T568A/B |
| RV6MJKUBK-B24 | Black | Bulk Pack (24) | T568A/B |
| RV6MJKUBK-S1 | Black | Single Pack | T568A/B |
| RV6MJKUBL-B24 | Blue | Bulk Pack (24) | T568A/B |
| RV6MJKUBL-S1 | Blue | Single Pack | T568A/B |
| RV6MJKUBR-B24 | Brown | Bulk Pack (24) | T568A/B |
| RV6MJKUBR-S1 | Brown | Single Pack | T568A/B |
| RV6MJKUGY-B24 | Gray | Bulk Pack (24) | T568A/B |
| RV6MJKUGY-S1 | Gray | Single Pack | T568A/B |
| RV6MJKUGN-B24 | Green | Bulk Pack (24) | T568A/B |
| RV6MJKUGN-S1 | Green | Single Pack | T568A/B |
| RV6MJKUIV-B24 | Ivory | Bulk Pack (24) | T568A/B |
| RV6MJKUIV-S1 | Ivory | Single Pack | T568A/B |
| RV6MJKUOR-B24 | Orange | Bulk Pack (24) | T568A/B |
| RV6MJKUOR-S1 | Orange | Single Pack | T568A/B |
| RV6MJKUPR-B24 | Purple | Bulk Pack (24) | T568A/B |
| RV6MJKUPR-S1 | Purple | Single Pack | T568A/B |
| RV6MJKURD-B24 | Red | Bulk Pack (24) | T568A/B |
| RV6MJKURD-S1 | Red | Single Pack | T568A/B |
| RV6MJKUTB-B24 | TIA Blue | Bulk Pack (24) | T568A/B |
| RV6MJKUTB-S1 | TIA Blue | Single Pack | T568A/B |
| RV6MJKUTN-B24 | TIA Brown | Bulk Pack (24) | T568A/B |
| RV6MJKUTN-S1 | TIA Brown | Single Pack | T568A/B |
| RV6MJKUTG-B24 | TIA Green | Bulk Pack (24) | T568A/B |
| RV6MJKUTG-S1 | TIA Green | Single Pack | T568A/B |
| RV6MJKUTO-B24 | TIA Orange | Bulk Pack (24) | T568A/B |
| RV6MJKUTO-S1 | TIA Orange | Single Pack | T568A/B |
| RV6MJKUTP-B24 | TIA Purple | Bulk Pack (24) | T568A/B |
| RV6MJKUTP-S1 | TIA Purple | Single Pack | T568A/B |
| RV6MJKUTR-B24 | TIA Red | Bulk Pack (24) | T568A/B |
| RV6MJKUTR-S1 | TIA Red | Single Pack | T568A/B |
| RV6MJKUTY-B24 | TIA Yellow | Bulk Pack (24) | T568A/B |

| | | | |
|---------------|------------|----------------|---------|
| RV6MJKUTY-S1 | TIA Yellow | Single Pack | T568A/B |
| RV6MJKUEW-B24 | White | Bulk Pack (24) | T568A/B |
| RV6MJKUYL-B24 | Yellow | Bulk Pack (24) | T568A/B |
| RV6MJKUYL-S1 | Yellow | Single Pack | T568A/B |

Product Notes

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| Notes: | Please see Installation Guide PX106434. |
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History

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| Update and Revision: | Revision Number: 0.158 Revision Date: 08-05-2019 |
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