



**Product:** [REVConnect CAT6+ Shielded Jack](#)

REVConnect CAT6+ Shielded Jack

Product Description

REVConnect CAT6+ Shielded Jacks are available in single packs and 24 bulk packs.

Technical Specifications

Product Overview

|                        |                                                             |
|------------------------|-------------------------------------------------------------|
| Suitable Applications: | 2400 Shielded System, TIA Category 6, ISO Class E, 1GBASE-T |
|------------------------|-------------------------------------------------------------|

Physical Characteristics (Overall)

|                |                                         |
|----------------|-----------------------------------------|
| Height:        | 0.94 in                                 |
| Width:         | 1.19 in                                 |
| Depth:         | 1.63 in                                 |
| Wiring Scheme: | T568A/B                                 |
| Packaging:     | Individually packaged in a plastic bag. |
| Weight:        | 0.048 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   | Nickel plated zinc alloy diecast                                 |            |

Electrical Characteristics

|                         |                                                     |
|-------------------------|-----------------------------------------------------|
| 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 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 (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                                                                                                                                                             |
| TIA/EIA Compliance: | Category 6 - TIA 568.C.2, Category 6 - 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 Standards:    | IEC 60603-7                                                                                                                                                            |

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 Shielded KeyConnect Patch Panels 24p and 48p, Compatible with KeyConnect Faceplates, Adapters, Boxes |
|----------------|----------------------------------------------------------------------------------------------------------------------|

Variants

| Item #        | Color | Packaging      |
|---------------|-------|----------------|
| RV6MJKSME-B24 | Metal | Bulk Pack (24) |
| RV6MJKSME-S1  | Metal | Single Pack    |

Product Notes

|                 |                                                                                             |
|-----------------|---------------------------------------------------------------------------------------------|
| Included Parts: | 1 Cat 6+ Shielded REVConnect Jack; 1 REVConnect Cable Manager and Cap; 1 Installation Guide |
| Notes:          | Please see Installation Guide PX106435.                                                     |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.349 Revision Date: 02-12-2024 |
|----------------------|--------------------------------------------------|

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