



**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

Environmental Space:	Indoor
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 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, LSOH, Toxicity Testing

UL Flammability:	UL2043 Air Handling Spaces
Safety Listing:	c(UL)us Listed

## Part Number

Related Parts:	Compatible with Shielded KeyConnect Patch Panels 24p and 48p, Compatible with KeyConnect Faceplates, Adapters, Boxes
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## Variants

Item #	Color	Packaging	Wiring Scheme
RV6MJKSME-B24	Metal	Bulk Pack (24)	T568A/B
RV6MJKSME-S1	Metal	Single Pack	T568A/B

## Product Notes

Notes:	Please see Installation Guide PX106435.
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## History

Update and Revision:	Revision Number: 0.164 Revision Date: 01-31-2020
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