



Product: [REVConnect 10GX Jacks](#)

REVConnect 10GX UTP Modular Jack

Product Description

REVConnect 10GX Jacks are available in several colors and packaging quantities.

Technical Specifications

Product Overview

Suitable Applications:	10GX System, TIA Category 6A, ISO Class EA, 10GBASE-T
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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

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 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), 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 KeyConnect Faceplates, Adapters, Boxes and Patch Panels
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Variants

Item #	Color	Packaging
RVAMJKUAL-B24	Almond	Bulk Pack (24)
RVAMJKUAL-S1	Almond	Single Pack
RVAMJKUBK-B24	Black	Bulk Pack (24)
RVAMJKUBL-B24	Blue	Bulk Pack (24)
RVAMJKUBL-S1	Blue	Single Pack
RVAMJKUBR-B24	Brown	Bulk Pack (24)
RVAMJKUBR-S1	Brown	Single Pack
RVAMJKUEW-B24	Electric White	Bulk Pack (24)
RVAMJKUEW-S1	Electric White	Single Pack
RVAMJKUGY-B24	Gray	Bulk Pack (24)
RVAMJKUGY-S1	Gray	Single Pack
RVAMJKUGN-B24	Green	Bulk Pack (24)
RVAMJKUGN-S1	Green	Single Pack
RVAMJKUIV-B24	Ivory	Bulk Pack (24)
RVAMJKUIV-S1	Ivory	Single Pack
RVAMJKUOR-B24	Orange	Bulk Pack (24)
RVAMJKUOR-S1	Orange	Single Pack
RVAMJKUPR-B24	Purple	Bulk Pack (24)
RVAMJKUPR-S1	Purple	Single Pack
RVAMJKURD-B24	Red	Bulk Pack (24)
RVAMJKURD-S1	Red	Single Pack
RVAMJKUYL-B24	Yellow	Bulk Pack (24)
RVAMJKUYL-S1	Yellow	Single Pack

Product Notes

Included Parts:	1 Cat 6A REVConnect Jack; 1 REVConnect Cable Manager and Cap; 1 Installation Guide
Notes:	Please see Installation Guide PX106434.

History

Update and Revision:	Revision Number: 0.341 Revision Date: 02-12-2024
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