



Product: [CAT6+ KEYCONNECT JACKS](#)

CAT6+ Modular Jack, RJ45, KeyConnect Style

Product Description

CAT6+ KeyConnect Jacks are available in several colors.

Technical Specifications

Product Overview

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|------------------------|--|
| Suitable Applications: | IBDN System 2400, 3600 and 4800, TIA Category 6+, ISO Class E, 1000 BASE-T |
|------------------------|--|

Physical Characteristics (Overall)

| | |
|----------------|--|
| Height: | 0.88 in |
| Width: | 0.64 in |
| Depth: | 1.29 in |
| Wiring Scheme: | T568A/B |
| Packaging: | Individually packaged in a plastic bag. Standard pack of 50 units. |
| Weight: | 0.014 lbs |

Connectors

Materials

| Description | Material | Type |
|------------------|--|------------|
| Front Connection | Copper Alloy with 50 μ inch Gold over Nickel | Lead Frame |
| Rear Connection | Copper Alloy with Nickel Plating | IDC |
| Connector Body | Plastic - UL940V-0 | |

Electrical Characteristics

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|-------------------------|---------------------------------|
| Dielectric Strength: | 1,000V RMS @ 60 Hz for 1 minute |
| Current Rating: | 1.500 A |
| Insulation Resistance: | 500 M-Ohm Minimum |
| Max Contact Resistance: | 20 mOhm |
| Termination Resistance: | 2.5 mOhm |

Temperature Range

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|---------------------------------|----------------|
| 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

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|--|---|
| Footprint/Type: | KeyConnect |
| Tool Compatibility: | Belden 110 Connecting Tool, MediaFlex Termination Station |
| Plug /Jack Compatibility: | RJ45, RJ11 |
| Termination Front Connection: | Mated Connection |
| Termination Front Connection Durability: | 1,000 cycles |
| Termination Rear Connection: | Gas Tight IDC Connection |

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|---|-----------------|
| Termination Rear Connection Durability: | 20 terminations |
| Connector/Hardware Retention: | 20 lbs |
| Plug/Connector Retention: | 11.250 lbs |

Standards

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|---------------------------------------|---|
| Data Category: | Category 6 |
| TIA/EIA Compliance: | Category 6 - TIA 568.2-D, ISO/IEC 11801:2002 Ed.2 |
| Other Standards: | FCC Part 68, Subpart F, IEC 60603-7 |
| Third Party Performance Verification: | ETL - Verified Category 6 |

Applicable Environmental and Other Programs

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| Environmental Space: | Indoor |
| EU Directive 2002/95/EC (RoHS): | Yes |
| MIL Order #39 (China RoHS): | EUP 50 |

Flammability, LSOH, Toxicity Testing

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

Related Part Numbers

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|----------------|---|
| Related Parts: | Compatible with KeyConnect Faceplates, Adapters, Boxes and Patch Panels |
|----------------|---|

Variants

| Item # | Color | Packaging | Wiring Scheme |
|--------------|----------------|----------------|---------------|
| AX101319 | Almond | Single Pack | T568A/B |
| AX101319-B24 | Almond | Bulk Pack (24) | T568A/B |
| AX101321 | Black | Single Pack | T568A/B |
| AX101321-B24 | Black | Bulk Pack (24) | T568A/B |
| AX104193-B24 | Blue | Bulk Pack (24) | T568A/B |
| AX104195 | Brown | Single Pack | T568A/B |
| AX104195-B24 | Brown | Bulk Pack (24) | T568A/B |
| AX101320 | Electric White | Single Pack | T568A/B |
| AX101320-B24 | Electric White | Bulk Pack (24) | T568A/B |
| AX101318 | Gray | Single Pack | T568A/B |
| AX101318-B24 | Gray | Bulk Pack (24) | T568A/B |
| AX104192 | Green | Single Pack | T568A/B |
| AX104192-B24 | Green | Bulk Pack (24) | T568A/B |
| AX103076-B24 | Ivory | Bulk Pack (24) | T568A/B |
| AX103076 | Ivory | Single Pack | T568A/B |
| AX104189 | Orange | Single Pack | T568A/B |
| AX104189-B24 | Orange | Bulk Pack (24) | T568A/B |
| AX104194 | Purple | Single Pack | T568A/B |
| AX104194-B24 | Purple | Bulk Pack (24) | T568A/B |
| AX104190 | Red | Single Pack | T568A/B |
| AX104190-B24 | Red | Bulk Pack (24) | T568A/B |
| AX101326 | TIA Blue | Single Pack | T568A/B |
| AX101328 | TIA Brown | Single Pack | T568A/B |
| AX101325 | TIA Green | Single Pack | T568A/B |
| AX101322 | TIA Orange | Single Pack | T568A/B |
| AX101327 | TIA Purple | Single Pack | T568A/B |
| AX101323 | TIA Red | Single Pack | T568A/B |
| AX101324 | TIA Yellow | Single Pack | T568A/B |
| AX104191 | Yellow | Single Pack | T568A/B |
| AX104191-B24 | Yellow | Bulk Pack (24) | T568A/B |

Product Notes

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| Included Parts: | 1 T-Bar |
| Notes: | Please see Installation Guide PX103329 |

History

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| Update and Revision: | Revision Number: 0.286 Revision Date: 11-09-2022 |
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