



Product: [10GX MDVO JACKS](#) 

10GX Modular Jack, Category 6A, RJ45, MDVO Style

Product Description

CAT6A MDVO Jacks are available in several colors.

Technical Specifications

Product Overview

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

Physical Characteristics (Overall)

| | |
|----------------|--|
| Height: | 0.78 in |
| Width: | 0.77 in |
| Depth: | 1.17 in |
| Wiring Scheme: | T568A/B |
| Packaging: | Individually packaged in a plastic bag. Standard pack of 50 units. |
| Weight: | 0.016 lbs |

Connectors

Materials

| Description | Material | Type |
|------------------|--|--------------|
| Front Connection | Flexible PCB with 50 μ inch Gold over Nickel | Flexible PCB |
| Rear Connection | Phosphor Bronze with Tin Plating over Nickel | IDC |
| Connector Body | Plastic - UL94V-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

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

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|--|----------------------------|
| Footprint/Type: | MDVO |
| Tool Compatibility: | Belden 110 Connecting Tool |
| Plug /Jack Compatibility: | RJ45, RJ11 |
| Termination Front Connection: | Mated Connection |
| Termination Front Connection Durability: | 750 cycles |
| Termination Rear Connection: | IDC Connection |

| | |
|---|-----------------|
| Termination Rear Connection Durability: | 20 terminations |
| Cable/Connector Retention: | 15 lbs. |
| Connector/Hardware Retention: | 20 lbs |
| Plug/Connector Retention: | 11.250 lbs |

Standards

| | |
|---------------------------------------|---|
| Data Category: | Category 6A |
| TIA/EIA Compliance: | Category 6A - TIA 568.C.2, ISO/IEC 11801:2002 Amendment 2 |
| Other Compliance: | FCC Part 68, Subpart F, IEC 60603-7 |
| Third Party Performance Verification: | ETL - Verified Category 6A |

Applicable Environmental and Other Programs

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|---------------------------------------|------------|
| Environmental Space: | Indoor |
| 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

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

Part Number

| | |
|----------------|---|
| Related Parts: | Compatible with Interface and MDVO Style Faceplates, Adapters, Boxes and Patch Panels |
|----------------|---|

Variants

| Item # | Color | Packaging | Wiring Scheme |
|----------|------------|-------------|---------------|
| AX102270 | Almond | Single Pack | T568A/B |
| AX102272 | Black | Single Pack | T568A/B |
| AX102269 | Gray | Single Pack | T568A/B |
| AX102562 | Ivory | Single Pack | T568A/B |
| AX102277 | TIA Blue | Single Pack | T568A/B |
| AX102279 | TIA Brown | Single Pack | T568A/B |
| AX102276 | TIA Green | Single Pack | T568A/B |
| AX102273 | TIA Orange | Single Pack | T568A/B |
| AX102278 | TIA Purple | Single Pack | T568A/B |
| AX102274 | TIA Red | Single Pack | T568A/B |
| AX102275 | TIA Yellow | Single Pack | T568A/B |
| AX102271 | White | Single Pack | T568A/B |

Product Notes

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| Included Parts: | 1 X-Bar + 1 Dust Cap |
| Notes: | Please see Installation Guide PX103771 |

History

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| Update and Revision: | Revision Number: 0.202 Revision Date: 06-24-2020 |
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