

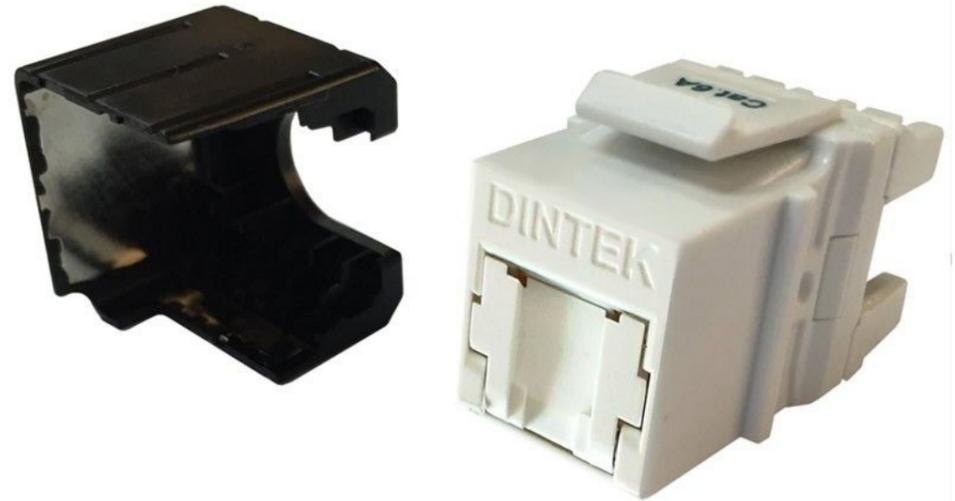
Publish Date : 28.03.2019 | Rev no: 01

PowerMAX+ Cat.6A ezi-JACK Shuttered Jack

DINTEK PowerMax+™ CAT.6A Unshielded shuttered ezi-JACK180™ offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust high impact plastic construction.

The connector is dual color coded for either 568A or 568B wiring schedules. Being specifically designed for high-speed data transmission, the DINTEK PowerMax+ CAT.6A Unshielded ezi-JACK180™ is also backwards compatible with Cat.6 and Cat.5e systems.

Combined with other DINTEK PowerMAX+™ products, they are the perfect solution to your voice and data communications needs.



Features

- Meet ANSI/TIA-568-C.2 Cat.6A 15M Short Link requirements.
- IDC connector with large space of each pair to improve crosstalk.
- Comply with FCC part 68 and IEC 60603-7
- Wiring: T568A/B



Applications

- Voice; T1; ISDN
- 10GBASE-T
- 16Mbps Token Ring (IEEE802.5)
- 100VG-AnyLAN (IEEE802.12)
- 100BASE-T Ethernet (IEEE802.3)
- 155/622Mbps 1.2/2.4 Gbps ATM
- 1000Mbps Gigabit Ethernet
- 550MHz Broadband Video

Standards Conformance

- UL Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173

Ordering Information

| Product Number | Product Name | Orientation | Color | Std pkg Qty |
|----------------|--|-------------|-------|-------------|
| 1305-05020 | PowerMAX+ Cat.6A ezi-JACK Vertical RJ45 Shuttered Jack | Vertical | White | 1pcs/PE Bag |

Technical Specifications

| Construction | | |
|---------------------------------|--|-------------------------|
| Body | | |
| Connector Housing | High-impact, Flame-Retardant Plastic | |
| Standard | UL94V-0 rated | |
| Front Connection | | |
| Contact Type | Spring Wire | |
| Material | Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel | |
| Rear Terminals | | |
| Terminal Type | IDC | |
| Material | Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy | |
| Physical Ranges | | |
| Temperature Range | | |
| | Storage | -40 to +70°C |
| | Operational | -10 to +60°C |
| Relative humidity | | |
| | Operational | Max. non-condensing 93% |
| Retention | 30lbs min between the jack and plug | |
| Insertion/Extraction life | 750 cycles minimum | |
| Number of IDC terminations | 200 minimum | |
| Total Mating Force | 800 grams for 8 wire leads MIN | |
| Electrical | | |
| Insulation Resistance | 500 MΩ min.@ 100V d.c | |
| Dielectric Withstanding Voltage | 1000V, RMS, 60HZ, 1 MIN. | |
| Spring Wire Contact Resistance | 20 mΩ Max. | |
| Voltage/Current Rating | 1.5 Amps at 20°C | |
| IDC Contact Resistance | 2.5 mΩ Max | |

Termination Demonstration

Vertical ezi-JACK

| | | |
|---|---|--|
| | | |
| Strip 40mm of sheath from cable using stripper | Using working base, place wires as per color spec | Make sure that twists are right up to termination points |
| | | |
| Insert jack into ezi-TOOL with Yellow cutting blade | Squeeze handles together terminating and trimming wires | Check terminations, then place dust cap onto jack |

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