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PowerMAX Cat.6 E-Type Horizontal ezi-JACK

If it's speed that you're after, then look no further than the DINTEK PowerMAX™ Cat.6 Modular Jacks. DINTEK Cat.6 Jacks provide performance that exceeds Cat.6 connecting hardware performance specifications. They also ensure backwards compatibility with components and systems of lower performing categories.

DINTEK installers and end users benefit from the ease of install and use, and with their compact design, are good for high density situations. For example, up to six modules can be utilized in a single face plate. 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.6 15M short link requirements
- Accepts 22~24AWG, stranded or solid wire
- IDC connector with large space of each pair to improve crosstalk
- Modular jack meet FCC part 68
- Wiring: T568A/B

Standards Conformance

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

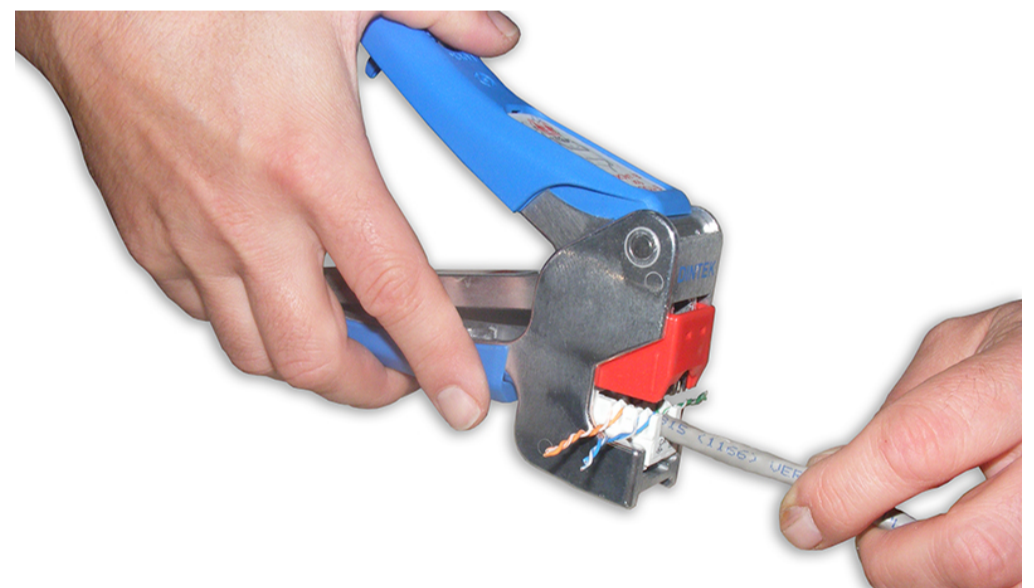
Independent Verified Certifications

- ETL Verified Certificate Of Conformance



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



Ordering Information

| Product Number | Product Name | Orientation | Color | Std Pkg Qty |
|----------------|--|-------------|--------|-------------|
| 1305-04017 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | White | 1pcs/PE bag |
| 1305-04053 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | Black | 1pcs/PE bag |
| 1305-04032 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | Red | 1pcs/PE bag |
| 1305-04034 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | Green | 1pcs/PE bag |
| 1305-04033 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | Yellow | 1pcs/PE bag |
| 1305-04031 | CAT.6 90 Degree Unshielded E Jack, T568A/B | Horizontal | Blue | 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 10 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 | 50N (11 lbs) for 60s ± 5s |
| Insertion/Extraction Life | 750 cycles minimum |
| No. of IDC Terminations | 200 minimum |

Electrical

| | |
|---------------------------------|--|
| Insulation Resistance | 500 MΩ min.@ 100V d.c |
| Dielectric Withstanding Voltage | 1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN. |
| Spring Wire Contact Resistance | 20 mΩ Max |
| Voltage/Current Rating | 150VAC/1.5A |
| IDC Contact Resistance | 2.5 mΩ Max |

Terminal Demonstration

Horizontal 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 red cutting blade

Squeeze handles together to terminate & trim wires

Check terminations, then place dust cap onto jack

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