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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	Qty / Box	Qty / CTN
1305-04017	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	White	100	600
1305-04053	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	Black	100	600
1305-04032	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	Red	100	600
1305-04034	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	Green	100	600
1305-04033	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	Yellow	100	600
1305-04031	Cat.6 90 Degree Unshielded E Jack, T568A/B	Horizontal	Blue	100	600

## 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

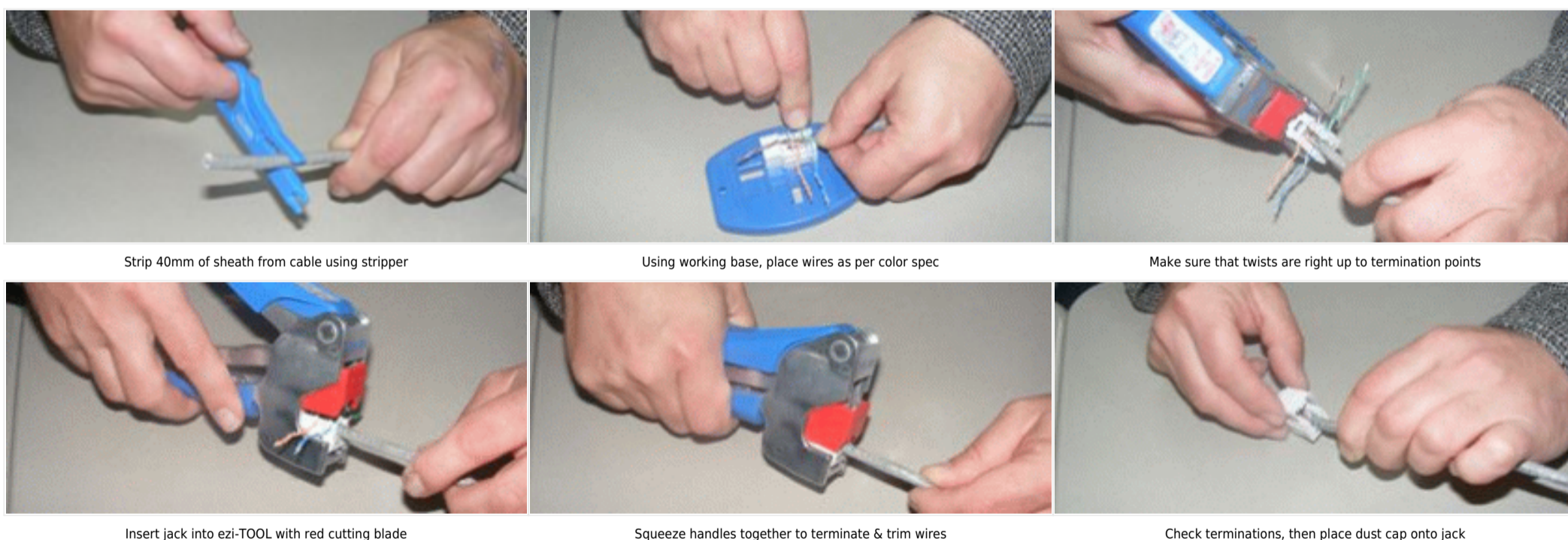
Temperature Range	Storage : -40 to +70°C   Operational : -10 to +60°C
Relative Humidity	Operational : Max. non-condensing 93%
Retention	50N (11 lbs) for 60s ± 5s
Insertion/Extraction Life	750 cycles minimum
No. of IDC Terminations	200 minimum

### 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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