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## PowerMAX+ Cat.6A ezi-JACK Horizontal Jack

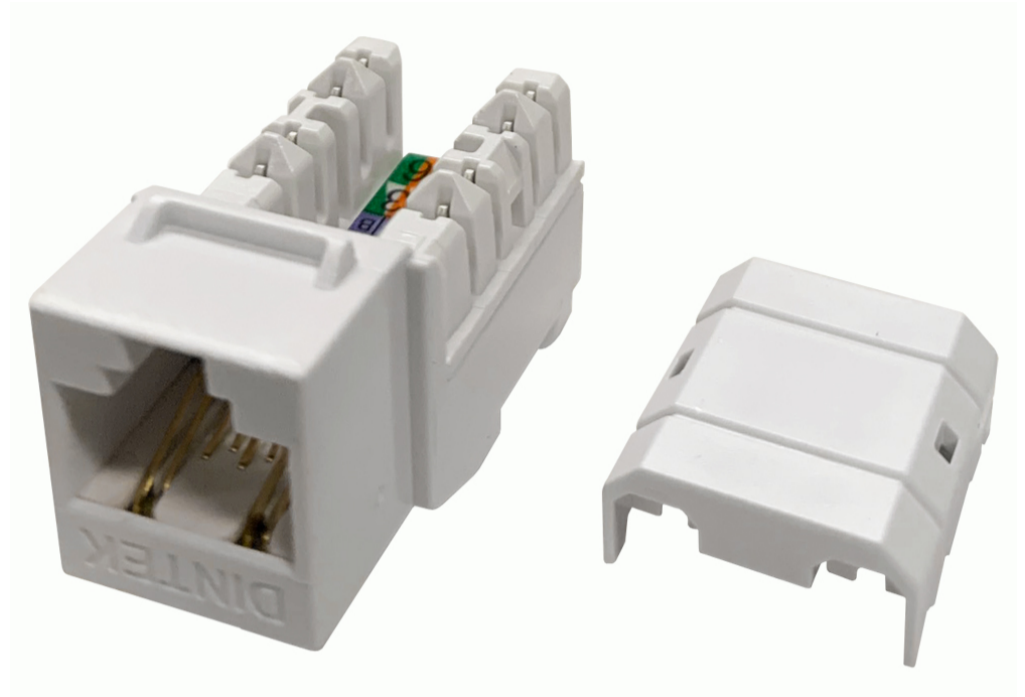
DINTEK PowerMax+™ Cat.6A unshielded ezi-JACK90™ offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust high impact plastic construction.

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-JACK90™ 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

- Meets ANSI/TIA-568-C.2 Cat.6A 15M short link requirements
- IDC connector with large space of each pair to improve crosstalk
- Complies 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
1305-05008	PowerMAX+ Cat.6A ezi-JACK Horizontal RJ45 Jack	Horizontal	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

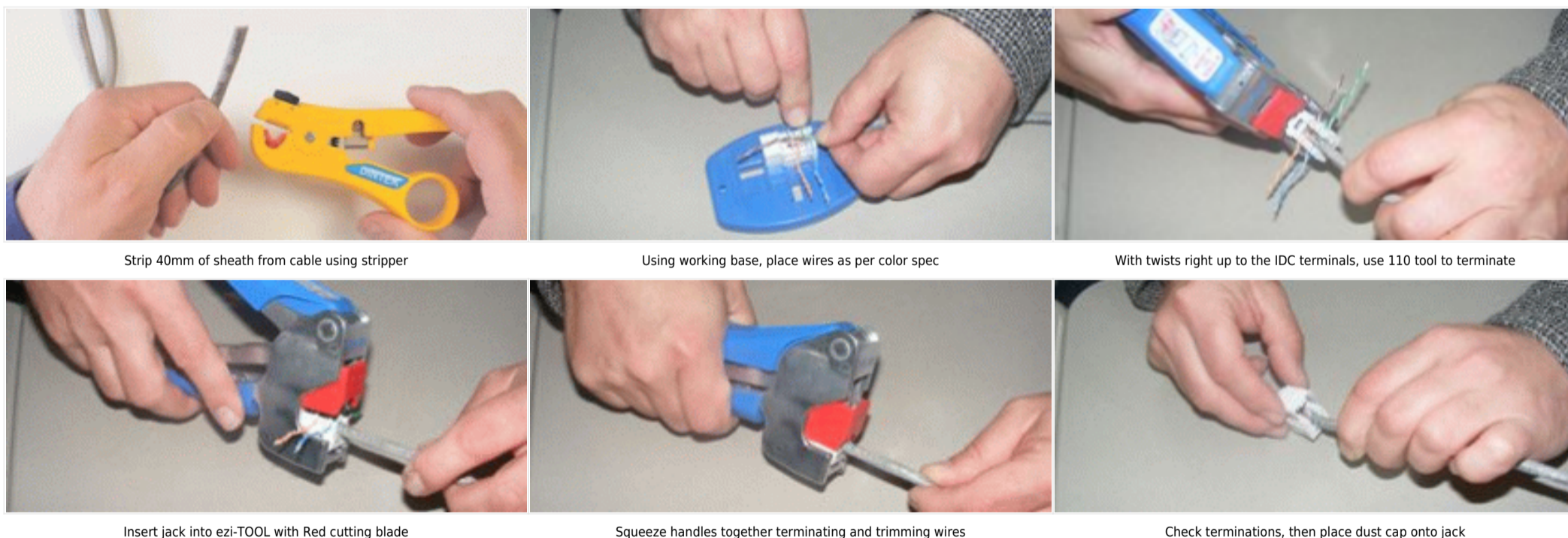
Temperature Range	Storage : -40 to +70°C   Operational : -10 to +60°C
Relative Humidity	Operational : Max. non-condensing 93%
Retention	50N (11 lbf) for 60s ± 5s
Insertion/Extraction Life	750 cycles minimum
Number of IDC Terminations	200 minimum
Total Mating Force	800 grams for 8 wire leads min

### Electrical

Insulation Resistance	500 MΩ min.@ 100V d.c
Dielectric Withstanding Voltage	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

With twists right up to the IDC terminals, use 110 tool to terminate

Insert jack into ezi-TOOL with Red cutting blade

Squeeze handles together terminating and trimming wires

Check terminations, then place dust cap onto jack

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