

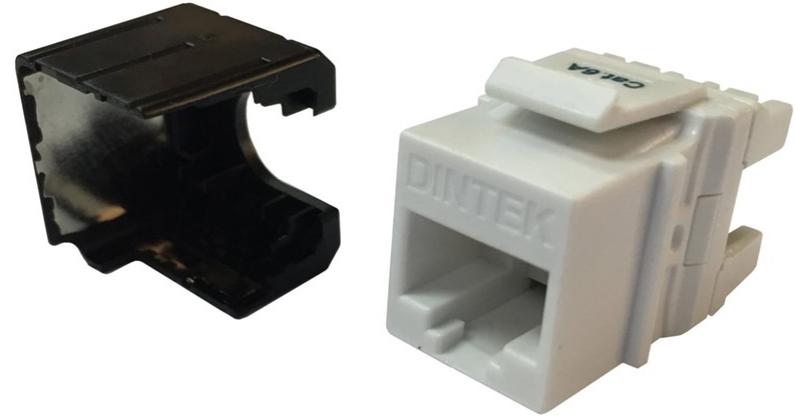
Publish Date: 24.05.2021 | Rev no: 70

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

DINTEK PowerMax+™ Cat.6A unshielded 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

- Meets ANSI/TIA-568-C.2 Cat.6 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
1305-05009	PowerMAX+ Cat.6A ezi-JACK Vertical RJ45 Jack	Vertical	White	1pcs/PE bag
1305-05018	PowerMAX+ Cat.6A ezi-JACK Vertical RJ45 Jack	Vertical	Black	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

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

## Electrical

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

Squeeze handles together terminating and trimming wires

Check terminations, then place dust cap onto jack

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1305-05009