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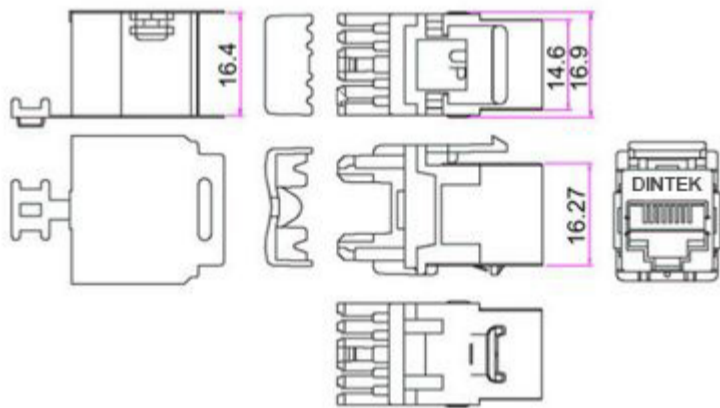
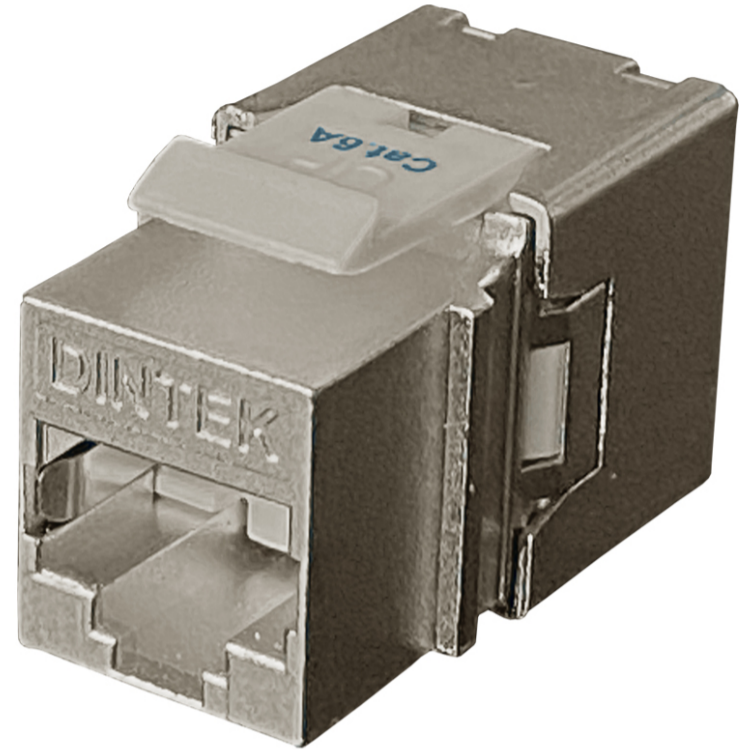
# PowerMAX+ Cat.6A ezi-JACK Shielded Jack

DINTEK PowerMAX+™ Cat.6A fully shielded ezi-JACK180™ offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die cast zinc alloy connector body housing.

The shielded 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 fully shielded ezi-JACK180™ is also backwards compatible with shielded Cat.6 and Cat.5e systems.

## Features

- Meets all requirements of ANSI/TIA-568-2.D for Cat.6A
- ISO/IEC 11801 amendment 2, Cat.6A
- ISO/IEC 60603-7
- IDC connector with large space of each pair to improve crosstalk
- Accepts 22~24AWG, stranded or solid wire
- Special CAP design reduces external crosstalk
- Modular jack meets FCC part 68
- Wiring: T568A/B



## Standards Conformance

- UL, C(UL), ETL Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173

## Applications

- 10GBASE-T Ethernet
- 100BASE-TX Fast Ethernet
- 1000BASE-TX Gigabit Ethernet
- 1000BASE-T Gigabit Ethernet
- 10BASE-TX Ethernet
- ATM CB1G
- 155/622 Mbps ATM
- 100 Mbps TP-PMD
- 100VG-AnyLAN
- 4/16 Mbps Token Ring
- Voice

Ordering Information					
Product Number	Product Name	Orientation	Color	Qty / Box	Qty / CTN
1305-05010	PowerMAX+ Cat.6A ezi-JACK Vertical Shielded Jack	Vertical	Silver	100	600

## Technical Specifications

### Construction

<b>Body</b>	
<b>Connector Housing</b>	High Impact Flame-Retardant Plastic
<b>Standard</b>	UL94v-0 rated
<b>Front Connection</b>	
<b>Contact Type   Material</b>	Spring Wire   Phosphor bronze alloy plated with 50 micro-inch of gold over 70~100 micro-inch of nickel
<b>Rear Terminals</b>	
<b>Terminal Type   Material</b>	IDC   Phosphor Bronze alloy with 100 micro-inch 100% Sn alloy

### Physical Ranges

<b>Temperature Range</b>	Storage : -40 to +70°C   Operational : -10 to +60°C
<b>Relative Humidity   Retention</b>	Operational : Max. non-condensing 93%   50N (11 lbf) for 60s ± 5s
<b>Insertion/Extraction Life   Number of IDC Terminations</b>	750 cycles minimum   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   IDC Contact Resistance</b>	150VAC/1.5A   2.5 mΩ Max

## DINTEK Electronic Limited

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