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# PowerMAX Cat.6 F-Type Vertical ezi-JACK - Shuttered

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 installation and use, and their compact design is good for high-density situations. For example, up to six modules can be utilized in a single faceplate.

Combined with other DINTEK PowerMAX™ products, they are the perfect solution to your voice and data communications needs.



## Features

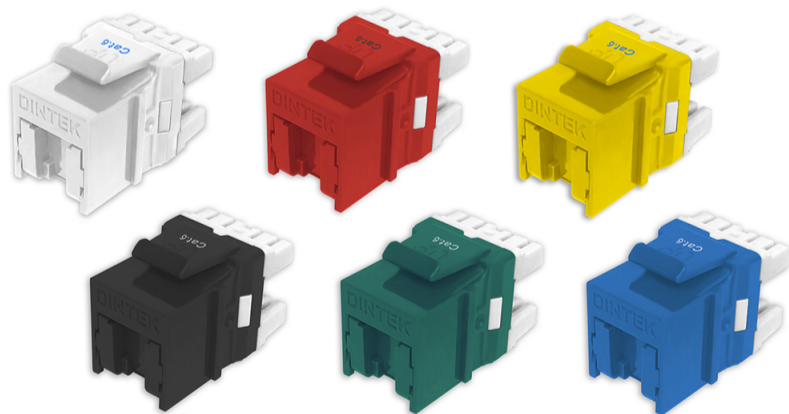
- Meet ANSI/TIA-568-C.2 Cat.6 15M short link requirements
- Accepts 22~24AWG, stranded or solid wire
- IDC connector with large space of each pair to improve crosstalk
- Modular jack meet FCC part 68
- Wiring: T568A/B

## 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
1305-04043	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	White	1pcs/PE bag
1305-04061	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	Black	1pcs/PE bag
1305-04047	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	Red	1pcs/PE bag
1305-04046	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	Green	1pcs/PE bag
1305-04045	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	Yellow	1pcs/PE bag
1305-04044	CAT.6 180 Degree Unshielded EZI F Jack, T568A/B- Shuttered	Vertical	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%
Rétention	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

### Vertical ezi-JACK Shuttered



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 to terminate & trim wires

Check terminations, then place dust cap onto jack

## DINTEK Electronic Limited

台北市中山區中山北路二段96號 嘉新第二大樓五樓N511  
 N511, 5F, 2nd Bldg, No. 96, Sec. 2, Zhongshan N. Rd. Zhongshan Dist., Taipei City 10449, Taiwan  
 P: +886-2-22997898 E-mail: sales@dintek.com.tw W: www.dintek.com.tw

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