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PowerMAX Horizontal Cat.6 Shielded Toolless Jack

The DINTEK PowerMAX™ Cat.6 solutions are guaranteed to exceed Class E channel specifications as set down in international standards.

Our PowerMAX™ shielded solution comprises Cat.6 component compliant patch panels, keystones, and patch cords. When combined with DINTEK's Cat.6 FTP S/FTP cable, an end-to-end channel exists that maximizes data throughput and provides headroom for all future technologies operating beyond one Gigabit.

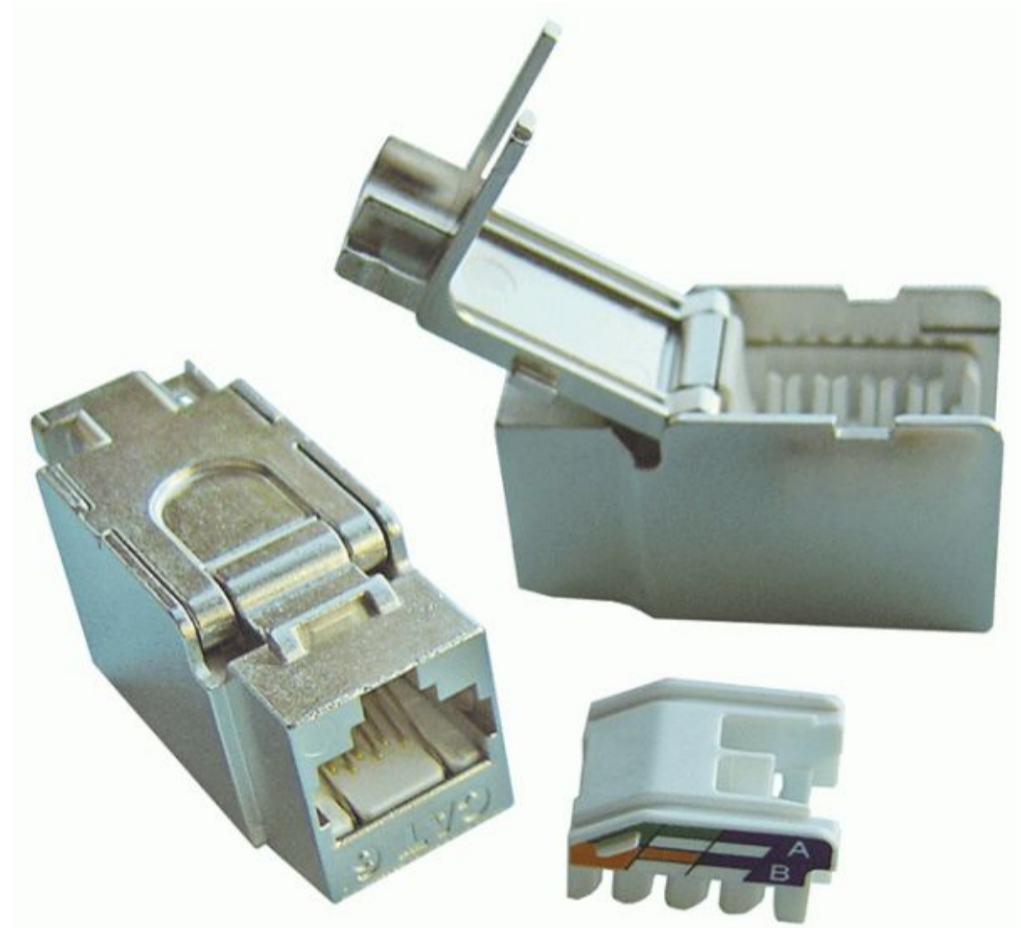
Combined with other DINTEK PowerMAX™ shielded products, our Cat.6 cable is the perfect solution to your voice and data communications needs.

Features

- High performance, exceeds ANSI/TIA-568-2.D Cat.6 Hardware transmission performance
- 100% shielded for complete EMI/RFI protection
- 19" 24 port patch panel, 1U size
- 110 and Krone dual type IDC termination
- Accepts 22-26AWG, stranded or solid wire
- Wiring: T568A/B

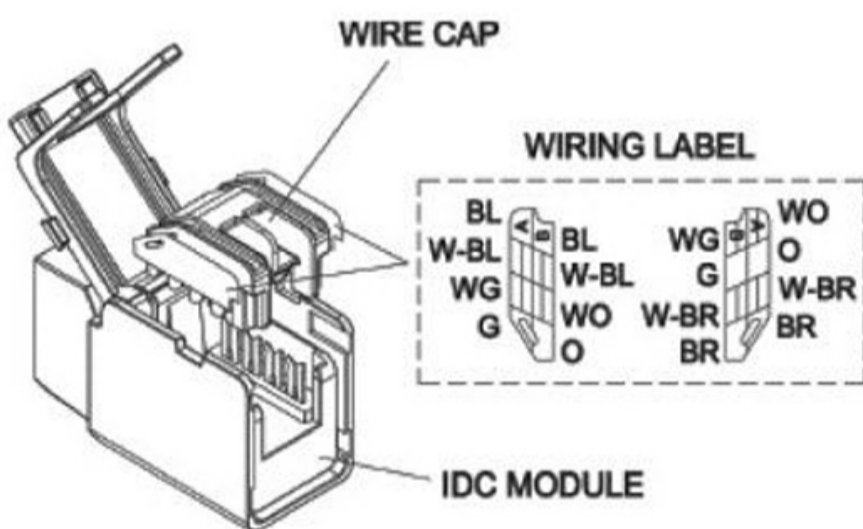
Standards Conformance

- UL listed
- ISO/IEC 11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173



Applications

- Voice
- Fast Ethernet (IEEE802.3)
- 100Vg-AnyLAN (IEEE 802.12)
- Token Ring (IEEE 802.5)
- TP-PMD (ANSI X3T9.5)
- 100Base-T Ethernet (IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Base-T Ethernet
- 550 MHz Broadband video



Ordering Information

Product Number	Product Name	Orientation	Color	Std Pkg Qty
1305-04016	PowerMAX Horizontal Cat.6 Shielded Toolless Jack	Horizontal	Silver	1pcs/bag

Technical Specifications

Construction

Connector Body Housing	High-impact Flame Retardant Plastic
Standards Compliance	UL94V-0 rated
Front Connection Contact Type Front Connection Material	Spring Wire Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel
Rear Terminal Type Rear Terminals Material	IDC 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%
Retention	50N (11 lbs) for 60s ± 5s
Insertion/Extraction Life	750 cycles minimum
No. of IDC Terminations	200 minimum
Total Mating Force	800 grams for a 8 wire leads 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

Termination Process



Strip 40mm of sheath from cable using stripper then roll back the braid onto cable so it is out of the way



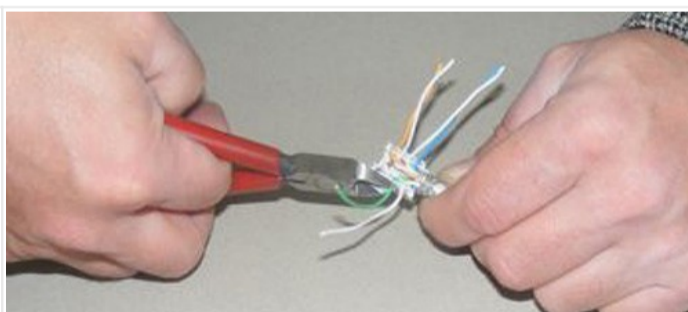
Separate the four pairs and remove the foil wrap from around each pair.



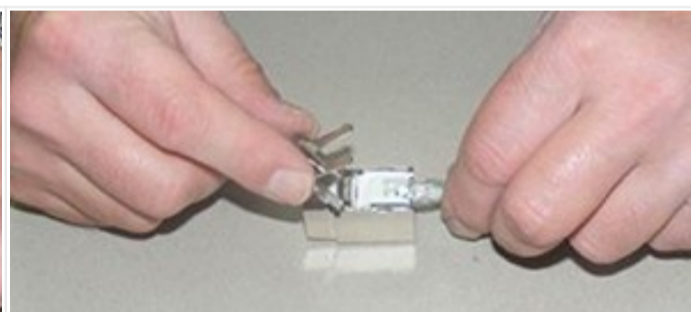
Insert front wires under the cross piece with the rear wires sitting at the back



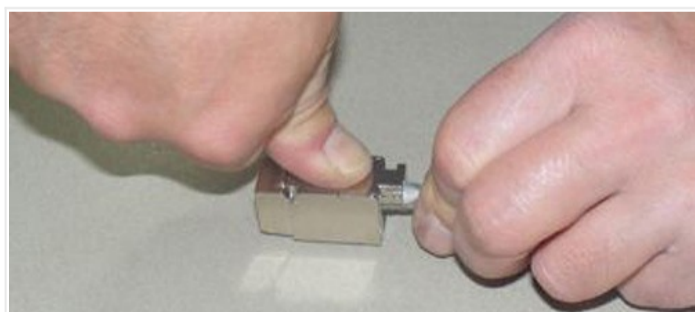
Press wires into the correct slots as per the color legend on the side of the cap



Cut wires level with the side of the wire holding cap



Turn over wire cap and place gently into the connector body until it seats in place



Apply a good amount of pressure on a hard surface in order to press the wires down through the IDC. When the latch clicks shut, the termination is complete



Move the shielded braid back (twisting at the same time) so that it sits under the rear tag, then apply the supplied cable ties to secure it to the body



The finished connector should not show any stray wires. The jacket should reach to the rear of the connector. The braid should be tidy beneath the tag

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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