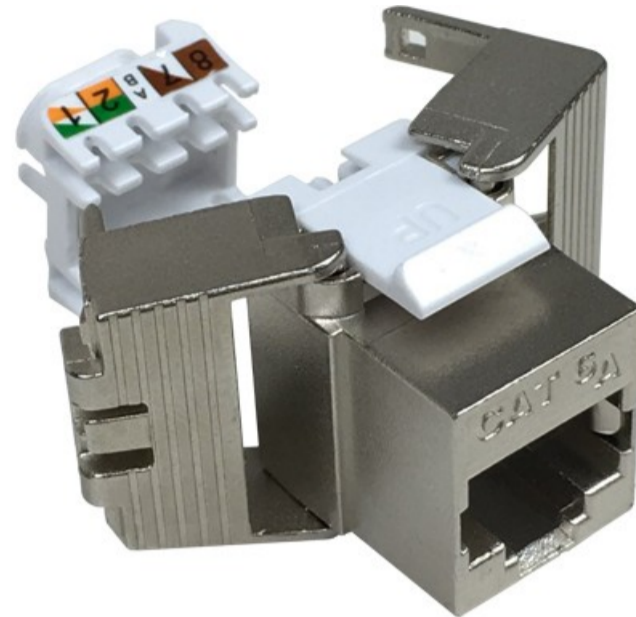


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PowerMAX+ Cat.6A Toolless Shielded Jack

DINTEK PowerMAX+™ Cat.6A fully shielded toolless horizontal keystone jack 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 toolless horizontal keystone jack is also backwards compatible with shielded Cat.6 and Cat.5e systems.



Features

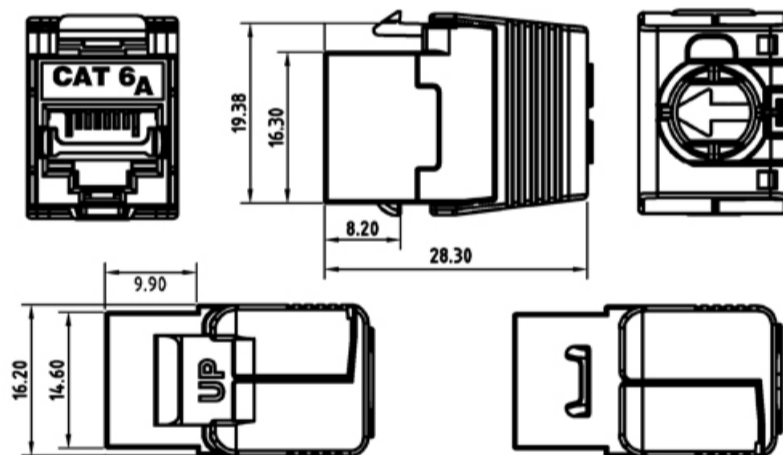
- Meets all requirements of ANSI/TIA-568-2.D for Cat.6A
- Draft ISO/IEC 11801 amendment 2, Cat.6A
- Draft ISO/IEC 60603-7
- FTP 90° high density
- Toolless, easy termination, no push down tool needed
- Accepts 22~24AWG, stranded or solid wire
- Diecasting housing design
- Complies with FCC part 68 Subpart F and IEC 60603-7
- Metalized cap design to reduce alien crosstalk
- 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	Std Pkg Qty
1305-05017	PowerMAX+ Cat.6A Toolless Shielded RJ45 Jack	Vertical	Silver	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
Plug Retention Force	Retention: 50N for 60sec

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

Strip 40mm of sheath from cable using stripper	Roll back the braid or drain wire onto cable so it is out of the way	Separate the four pairs and remove the foil wrap from around each pair
Insert the wires through the back of the wire forming cap	Lay the wires into their correct configuration, either T568A or T568B	Using side cutters, cut the wires level with the wire forming cap
Inset the wire forming cap into the rear of the jack body housing	Roll back the braid or drain wire so it will fit under the jack body. Close the rear covers, pressing firmly until the jaws close and click into place	The finished connector should not show any wires at the back, the jacket should reach to the rear of the connector and the braid or drain wire should be tidy underneath the shield body

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