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PowerMAX Cat.6 ezi-JACK Vertical Shielded Jack

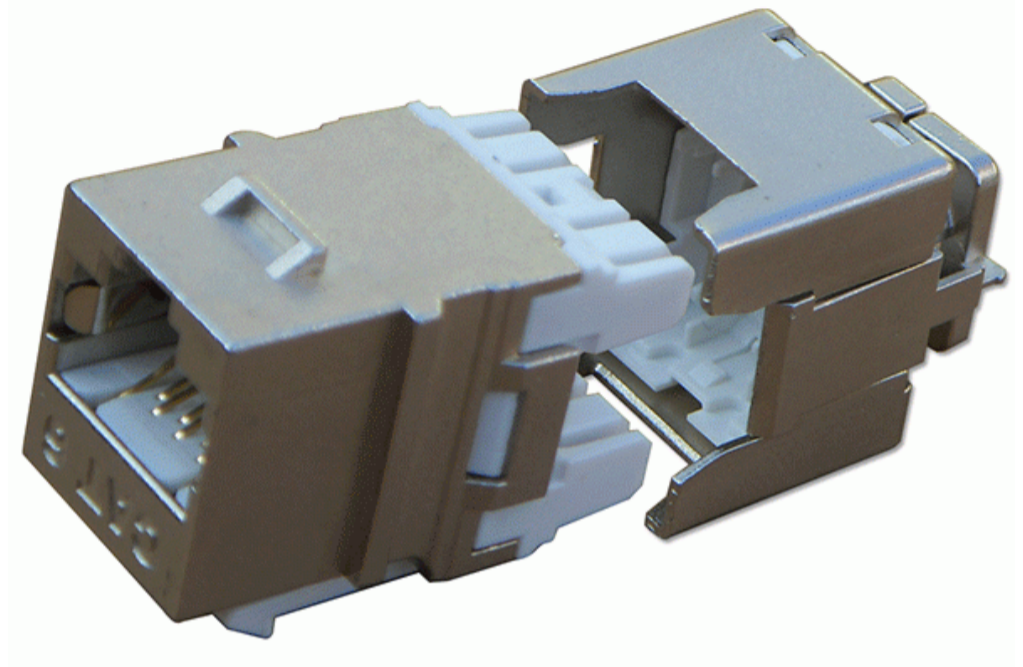
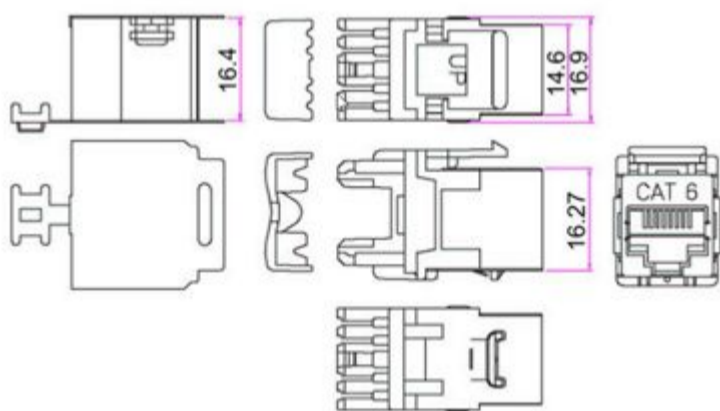
The DINTEK PowerMAX™ Cat.6 solutions are guaranteed to exceed Class E channel specifications as set down in international standards.

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-C.2 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



Applications

- Voice; T1; ISDN
- 10BASE-T (IEEE 802.3)
- 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 listed
- ISO/IEC 11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173

Ordering Information

Product Number	Product Name	Orientation	Color	Std Pkg Qty
1305-04048	PowerMAX Cat.6 ezi-JACK Vertical Shielded Jack	Vertical	Silver	1pcs/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%
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

drain wire MIN. 1.2"

OR
IN IN

Step 1: Strip off at least 1.2 inch of jacket from end of cable. Wrap the drain wire around the cable

Step 2: Press the wires through the projecting portion of terminals until fixed (T568A/T568B)

Step 3: Insert the jack into the tool guides with the cable coming out to the side

Step 4: Press tool to terminate the jack and cut off the excess wires

Step 5: Place the cap on the jack and press to make sure it is fully seated. Put the hinged side cover into the slot. Snap the side cover to the jack

Step 6: To finish, fix the cable tie to the shielding lug

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