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PowerMAX Cat.6 ezi-JACK Vertical Shielded Jack

The DINTEK PowerMAX™ Category 6 solutions are guaranteed to exceed ClassE channel specifications as set down in International standards.

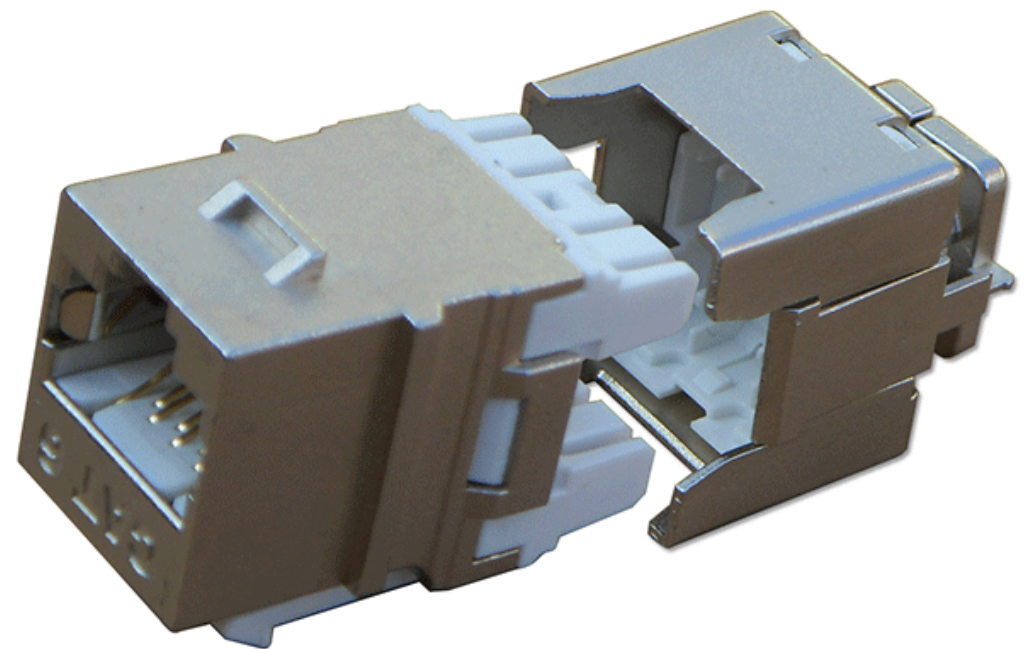
Our PowerMAX™ shielded solution comprises Category 6 component compliant patch panels, keystones and patch cords. When combined with DINTEK's Category 6 FTP S/FTP cable, an end-to-end channel exists that maximizes data throughput and provides headroom for all future technologies operating beyond one Gigabit. Combined with other DINTEK PowerMAX™ shielded products, our Category 6 cable is the perfect solution to your voice and data communications needs.

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

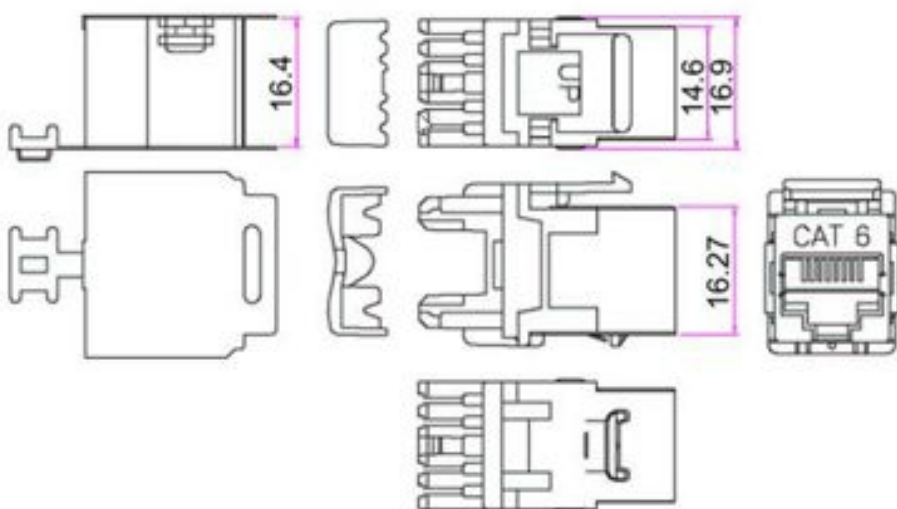
Standards

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



Features

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



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	
Body Housing	Zinc-alloy fully shielded	
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 (110 tool termination)	
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	30lbs min between the jack and plug	
Insertion/Extraction life	750 cycles minimum	
Number 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

<p>drain wire MIN. 1.2"</p>		<p>OR IN IN</p>
<p>Step 1: Strip off at least 1.2 inch of jacket from end of cable. Wrap the drain wire around the cable.</p>	<p>Step 2: Press the wires through the projecting portion of terminals until fixed.(T568A/T568B)</p>	<p>Step 3: Insert the jack into the tool guides with the cable coming out to the side</p>
<p>Step 4: Press tool to terminate the jack and cut off the excess wires.</p>	<p>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</p>	<p>Step 6: To finish, fix the cable tie to the shielding lug.</p>

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