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# PowerMAX Cat.6 Shielded Toolless 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, keystone and patch cords. When combined with DINTEK's Category 6 FTP S/FTP cable, an end-to-end channel exists that maximises 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
- 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

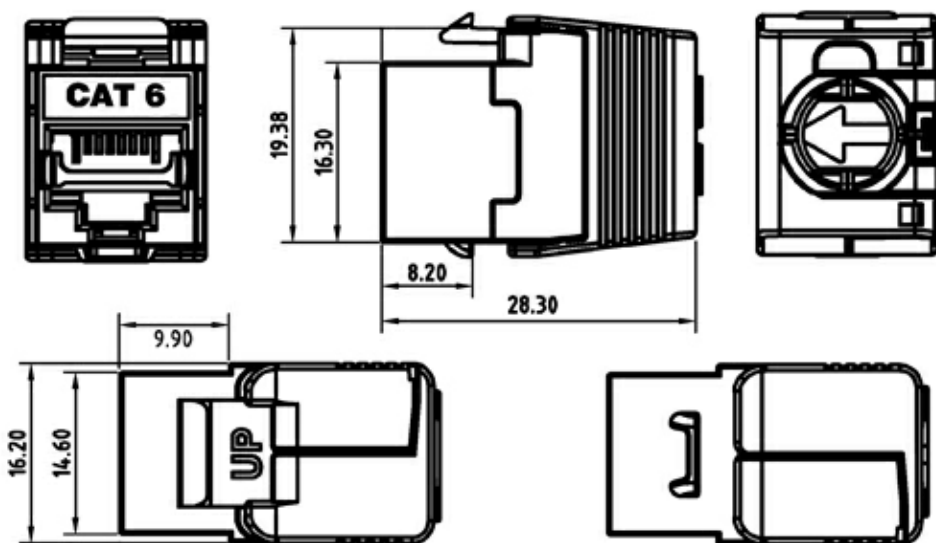


## Features

- High performance, exceeds ANSI/TIA-568-2.D Category 6 Hardware
- transmission performance
- 100% shielded for complete EMI/RFI protection
- Accepts 22-26AWG, Stranded or solid wire
- Wiring: T568A/B

## Standards

- 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
1305-04064	PowerMAX Cat.6 Shielded Toolless Jack	Vertical	Silver	1pcs/bag

## Technical Specifications

Construction		
<b>Body</b>		
Connector Housing	High Impact Flame-Retardant Plastic	
Standard	UL94v-0 rated	
<b>Front Connection</b>		
Contact Type	Spring Wire	
Material	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel	
<b>Rear Terminals</b>		
Terminal Type	IDC	
Material	Phosphor Bronze Alloy with 10 micro-inch 100% Sn Alloy	
Physical Ranges		
<b>Temperature Range</b>		
	Storage	-40 to +70°C
	Operational	-10 to +60°C
<b>Relative humidity</b>		
	Operational	Max. non-condensing 93%
Retention	50N (11 lbf) for 60s ± 5s	
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.	

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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