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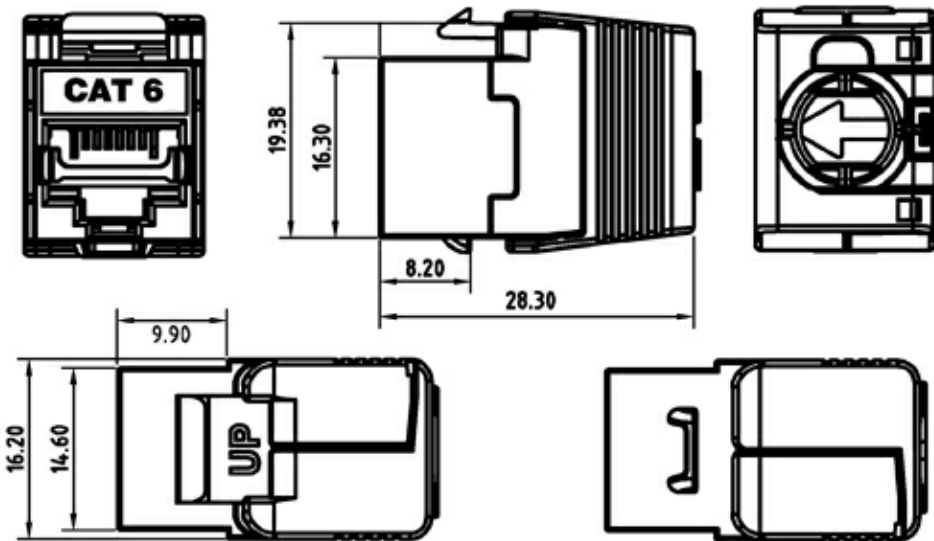
# PowerMAX Cat.6 Unshielded Toolless Jack

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

Our PowerMAX™ Unshielded solution comprises Category 6 component compliant patch panels, keystone and patch cords. When combined with DINTEK's Category 6 U/UTP 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™ Unshielded products, our Category 6 cable is the perfect solution to your voice and data communications needs.

## Applications

- Voice
- Fast Ethernet(IEEE802.3)
- 100Base-T Ethernet(IEEE 802.3u)
- 155/622 Mbps 1.2/ 2.4 Gbps ATM
- 1000Base-T Ethernet



## Features

- High performance, exceeds ANSI/TIA-568-2.D Category 6 Hardware transmission performance
- 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	Remove the inner divider and stripping braid	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	Place the wiring cap into the connector body using the arrows on the cap to match on the body
Close the outer clamps around the connector body.	Continue to press down on outer clamps until they are fully closed. This will ensure the terminations are complete.	The finished connector should not show any wires at the back, the jacket should reach to the rear of the connector .

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