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# PowerMAX+ Cat.6A 110/Krone Horizontal Jack

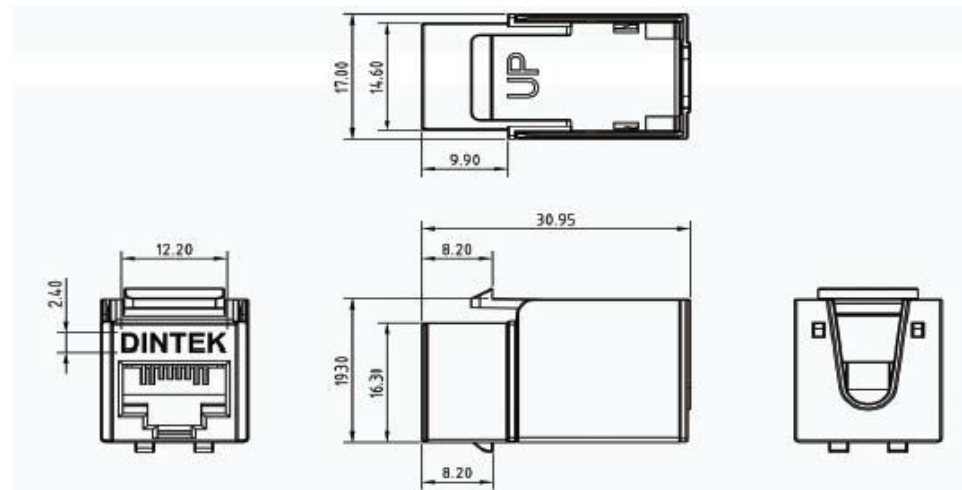
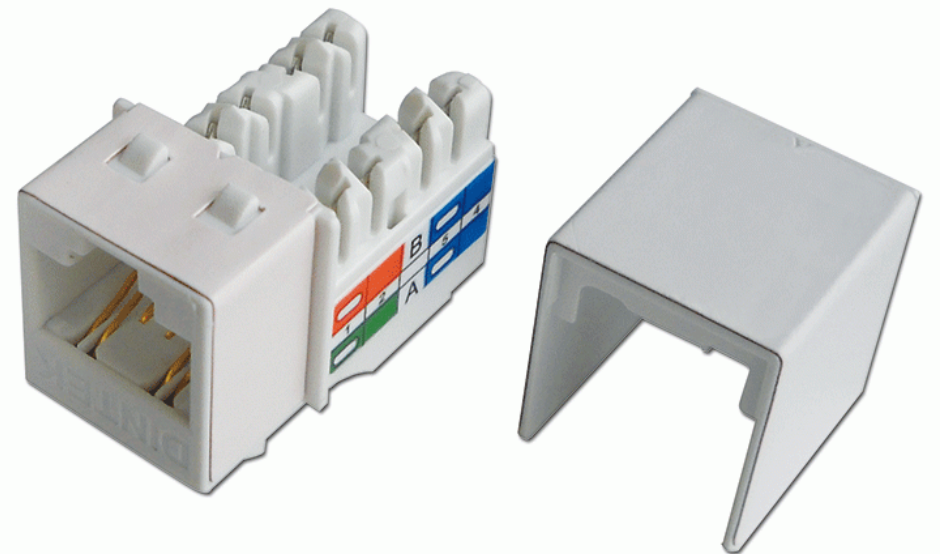
DINTEK PowerMax+™ CAT.6A Unshielded 110 Type Jack offers superior alien crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust high impact plastic construction.

The 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 Unshielded 110 Type Jack is also backwards compatible with Cat.6 and Cat.5e systems.

Combined with other DINTEK PowerMAX+™ products, they are the perfect solution to your voice and data communications needs.

### Features

- UTP 90° High density
- 110 type IDC termination
- Accept 22~24AWG, stranded or solid wire
- High performance, exceeds ANSI/TIA-568-2.D connecting hardware performance
- Metalized cap design to reduce Alien cross talk
- Comply with FCC part 68 and IEC 60603-7
- Wiring: T568A/B



### Applications

- Voice; T1; ISDN
- 10GBASE-T
- 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 Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173

### Ordering Information

Product Number	Product Name	Orientation	Color	Std Pkg
1305-05001	PowerMAX+ Cat.6A 110/Krone Horizontal RJ45 Jack	Horizontal	White	1pcs/PE 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 100 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	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 8 wire leads MIN	
Electrical		
Insulation Resistance	500 MΩ min.@ 100V d.c	
Dielectric Withstanding Voltage	1000V, RMS, 60HZ, 1 MIN.	
Spring Wire Contact Resistance	20 mΩ Max.	
Voltage/Current Rating	1.5 Amps at 20°C	
IDC Contact Resistance	2.5 mΩ Max	

## Termination Demonstration

Horizontal JACK		
		
Strip 40mm of sheath from cable using stripper	Using working base, place wires as per color spec	With twists right up to the IDC terminals, use 110 Tool to terminate

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