

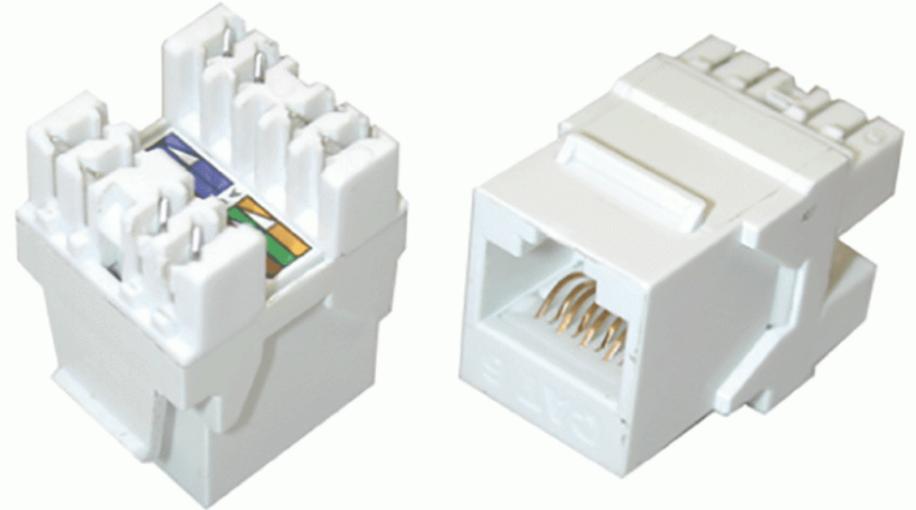
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PowerMAX Cat.6 110/Krone Vertical Jack

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

If its speed that you're after, then look no further than the DINTEK PowerMAX™ Category 6 Modular Jacks.

DINTEK's PowerMAX™ Cat 6 110 Style Component level Jack provides performance that exceeds category 6 connecting hardware performance specifications. It is also backwards compatible with components and systems of lower performing categories. DINTEK Installers and end users benefit from the ease of install and use, and with their compact design they are good for high density situations.



Features

- Meet ANSI/TIA-568-C.2 Cat.6 15M Short Link requirements.
- Accept 22~24AWG, stranded or solid wire
- IDC connector with large space of each pair to improve crosstalk.
- Modular jack meet FCC part 68
- Wiring: T568A/B

Compliance Certification

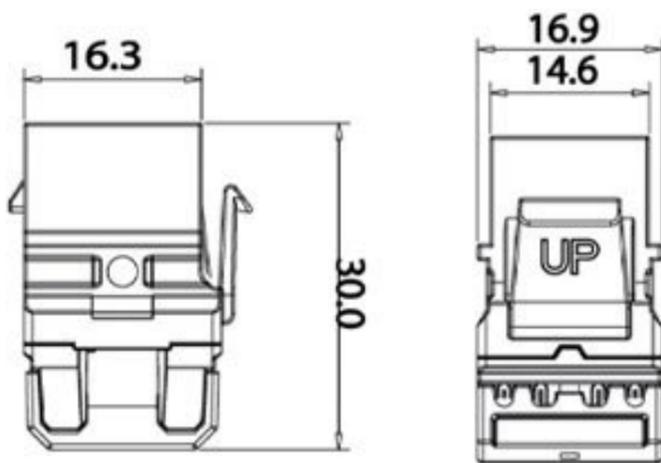
- ETL Intertek Certificate Of Compliance

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 Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA Standard 568-2.D
- CENELEC EN 50173



Ordering Information

Product Number	Product Name	Orientation	Color	Std Pkg Qty
1305-04013	Cat.6 110/Krone Vertical RJ45 Jack	Vertical	White	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 (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	50N (11 lbf) for 60s+-5s
Insertion/Extraction life		750 cycles minimum
Number of IDC terminations		200 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 Demonstration

Vertical 110 Style JACK



Strip 40mm of sheath from cable using stripper



Using working base, place wires as per color spec



Terminate wires using standard 110 impact tool

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