

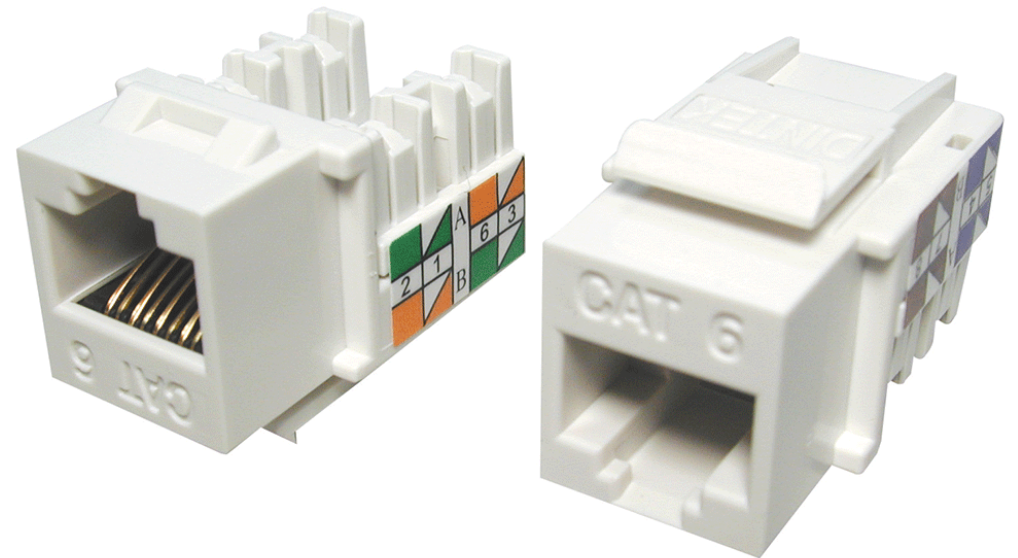
Publish Date : 28.03.2019 | Rev no: 01

# PowerMAX Cat.6 110/Krone Horizontal 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.

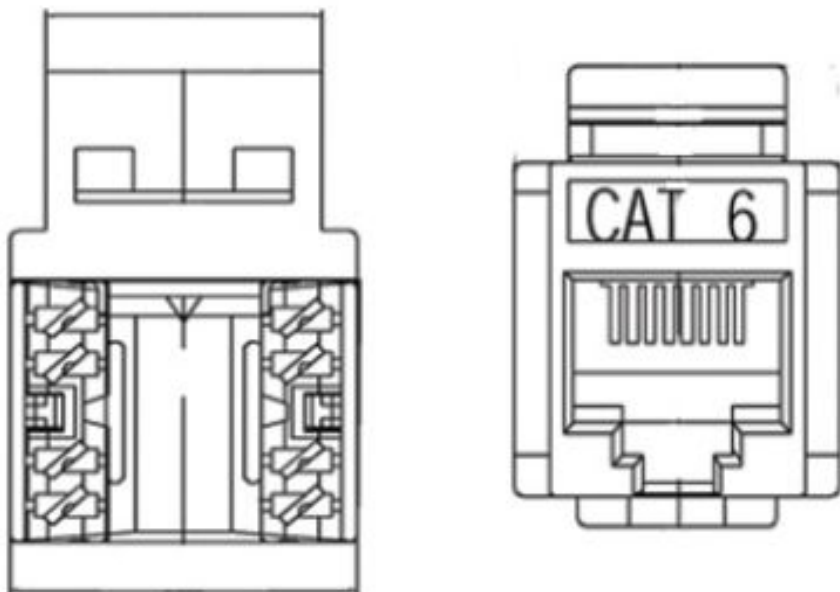


## Features

- 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

## Independently Verified Certifications

ETL Verified Certificate Of Conformance



## 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
1305-04012	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	White	1pcs/bag
1305-04020	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	Red	1pcs/bag
1305-04021	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	Yellow	1pcs/bag
1305-04022	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	Green	1pcs/bag
1305-04023	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	Blue	1pcs/bag
1305-04024	Cat.6 110/Krone Horizontal RJ45 Jack	Horizontal	Black	1pcs/bag

## Technical Specifications

### Construction

#### Body

<b>Connector Housing</b>	High-impact, Flame-Retardant Plastic
<b>Standard</b>	UL94V-0 rated

#### Front Connection

<b>Contact Type</b>	Spring Wire
<b>Material</b>	Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel

#### Rear Terminals

<b>Terminal Type</b>	IDC (110 tool termination)
<b>Material</b>	Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

### Physical Ranges

#### Temperature Range

<b>Storage</b>	-40 to +70°C
<b>Operational</b>	-10 to +60°C

#### Relative humidity

<b>Operational</b>	Max. non-condensing 93%
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#### Retention

50N (11 lbf) for 60s+-5s

#### Insertion/Extraction life

750 cycles minimum

#### Number of IDC terminations

200 minimum

### Electrical

<b>Insulation Resistance</b>	500 mΩ min.@ 100V d.c
<b>Dielectric Withstanding Voltage</b>	1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.
<b>Spring Wire Contact Resistance</b>	20 mΩ Max.
<b>Voltage/Current Rating</b>	150VAC/1.5A
<b>IDC Contact Resistance</b>	2.5 mΩ Max

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