

DINTEK PowerMAX™ Toolless Category 6 Shielded JACKS



TECHNICAL DATA

Environmental

Temperature range:

- Storage: -40 to +70 deg. C
- Operational: -10 to +60 deg. C
- Relative humidity (operational): max. non-condensing 93%

Electrical

- Electrical Insulation resistance: 500 MΩ min. @ 100V d.c.
- Dielectric with standing voltage: 1000 V d.c. or a.c. Peak Contact to Contact @ 60 Hz for 1 MIN.
- Spring Wire Contact resistance: 20 mΩ Max.
- IDC CONTACT RESISTANCE: 2.5 mΩ Max

Physical

- Housing: Zinc-alloy fully shielded,
- Spring wire: Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 70~100 micro-inch of Nickel
- IDC: Phosphor Bronze Alloy with 100 micro-inch 100% Sn Alloy

Mechanical

- Retention: 50N (11 lbf) for 60s+5s
- Insertion/Extraction life: 750 cycles minimum.
- Number of IDC terminations: 200 minimum.
- Insertion/Extraction life: 750 cycles minimum.

If its ease of connection that you're after, then look no further than the DINTEK PowerMAX™ Category 6 Modular Toolless Shielded Jacks.

The DINTEK PowerMax™ Shielded jack offers superior crosstalk suppression, excellent insertion loss, and provides enhanced electromagnetic interference (EMI) protection by utilizing robust die cast zinc alloy connector body housing.

The shielded connector is dual color coded for either 568A or 568B wiring schedules. Being specifically designed for high-speed data transmission, the DINTEK PowerMax™ Shielded Jack is also backwards compatible with Shielded C6 and C5e systems.

KEY FEATURES

- Meets ANSI/TIA-568-C.2 Cat.6
- Accept 22~24AWG, stranded or solid wire
- High low contact design to improve transmission performance.
- IDC connector with large space of each pair to improve crosstalk.
- Modular jack meet FCC part 68
- Wiring: T568A/B

STANDARDS

- UL Verified
- ISO/IEC11801 2nd edition
- ANSI/TIA-568-C.2
- CENELEC EN 50173

ORDERING INFORMATION

1305-04016 Keystone Cat.6 Toolless Shielded. RJ45 110/Krone T568A/B. Horizontal - component level

1406-00023 Patch Panel - Shielded 24 port snap in 19" 1U black window type label with port numbers, plastic with rear cable management

DINTEK Category 6 Product Benefits

Category 6 Products exceed all TIA and ISO specifications for Category 5e/6 cabling systems and components

- They have been Independently confirmed for system performance

- Meets FCC parts 68
- ANSI/TIA-568-C.2
- ISO/IEC 11801

- DINTEK Cat 6 products can be warranted for 25 years

- Cat6 products are Interoperable with DINTEK and other standards compliant products

- Independently been confirmed for Gigabit Ethernet applications

- Having a single vendor solution ensures best system performance

- Our products meet or exceed performance requirements for existing and proposed high-speed network applications including:

- 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

