



PEATSA®

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HXJ6OW

HUBBELL PREMISE WIRING

JACKS, CATEGORY 6



Xcelerator Category 6 Jacks

Category 6 Component
DTE Power Compliant
Keystone Design
Quicklace™ Combination
Exclusive 1-Punch Termination Tool

Termination Towers

- Easy pair splitting
- Simple lacing
- Fast punch-down

Universal Wiring

Two distinct labels eliminates wiring confusion, T568B or T568A



Stuffer Cap

- Secure strain relief
- Positive "snap" latching

FEATURES

- Center balanced to Category 6 plug specifications
- Positive PSACR beyond 300 MHz (channel)
- 4+Gbs capacity within the Bandwidth of 1-250MHz (channel)
- Exceeds IEEE 802.3af DTE Power specification to 4X the standard
- Exceeds IEEE 802.3ab Gigabit Specification to < 1 * 10⁻¹³
- Backwards compatible to Category 3, 5 and 5e
- IDC pair splitting tower allows for minimum disruption to cable twist
- Exclusive 1-Punch termination tool reduces termination time by 75%
- Compatible with standard 110 termination tools
- Standard HPW keystone mounting
- HPW Icon compatible
- 13 different colors

SPECIFICATIONS

Mechanical

- ◆ Construction Materials:
 - Housing: High impact thermoplastic (UL 94 V-0)
 - Stuffer cap: Lexan (UL 94 V-0)
 - Dust cover: Polypropylene
- ◆ Nose Contacts
 - Material: Beryllium copper with a minimum of 50 micro-inch gold plating over nickel under plating
 - 2,000+ mating cycles with FCC compliant 8-position plug
 - Confirmed contact performance over full range of (FCC Spec) deflection limits
 - Min. contact force 100 grams with FCC compliant 8-position plug
 - Accepts FCC compliant 6-position plugs
- ◆ IDC 110 Contacts
 - Material: Phosphor bronze with 100 micro-inch tin lead 60/40 plating over nickel under plating
 - 20+ IDC terminations for same size AWG
 - Accommodates 22 to 26 AWG/Solid

STANDARDS/LISTINGS/VERIFICATIONS

- ANSI/TIA/EIA-568-B.2-1 (Category 6)
- Designed to meet/exceed proposed ANSI/TIA/EIA-568-B.2-8 (DTE Power Component specifications)
- Designed to meet/exceed proposed ANSI/TIA/EIA-568-B.1-6 (DTE Power Channel specifications)
- IEEE 802.3af DTE Power and MDI verified
- IEEE 802.3ab Gigabit Ethernet Verified
- ETL Verified Category 6 component
- ETL Total Solutions
- UL Listed 1863
- CSA Certified
- FCC part 68.5, subpart F compliant
- IEC-60603-7-4 compliant
- ISO 11801 2nd Edition, Class E Compliant



Xcelerator™ Category 6 modular jacks (XJ6) deliver unmatched component performance, leading the structured cabling industry with the first ETL tested Category 6 component compliant, modular jack. The XJ6 is also the first modular jack to undergo extreme DTE Power testing to 4x the standard handling continuous DTE power, exceeding the IEEE 802.3af standard without failure or any substantial increase in temperature.

The XJ6 supports network convergence protocols by delivering maximum bandwidth and extended reliability for all LAN, multimedia and PoE (Power over Ethernet) applications such as VoIP and IP-Video.

The QuickLace™ termination process combined with the exclusive 1-Punch tool delivers the fastest termination in the structured cabling industry. The innovative combination reduces termination time by 75% and provides a consistent termination every time.

The XJ6 easily installs into all HPW Infin-e-Station™ products, including rear-loading plates, front-loading modules and frames. Xcelerator jacks can be used in multimedia configurations with our SF (Snap Fit) connectors customizing all workstations, consolidation points and telecommunication closets.

APPLICATIONS

- ▲ IEEE 802.3:
 - 100BASE-T Gigabit Ethernet
 - 100BASE-T
 - 10BASE-T
- ▲ 155Mbps/1.2Gbps ATM
- ▲ DTE Power Applications
- ▲ VoIP
- ▲ Analog Video
- ▲ Digital video
- ▲ High-resolution 3-D modeling
- ▲ Data centers
- ▲ Company intranets
- ▲ On-line document publishing
- ▲ Real-time video to the desktop
- ▲ Multi-Gigabit Technologies



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DIMENSIONS

