

XCELERATOR™ Category 6 Jacks

Third Party Verified Category 6 Component Compliant



Universal Wiring
Two distinct labels eliminates wiring confusion, T568B or T568A

Termination Towers

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

Stuffer Cap

- Secure strain relief
- Positive 'snap' latching

NEXTSPEED® XCELERATOR™ Category 6 modular jacks (XJ6) deliver industry unmatched component performance. The XJ6 is the first modular jack to undergo extreme DTE Power testing to 4x the standard handling continuous DTE Power, exceeding the IEEE PoE standard without failure or any substantial increase in temperature.

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 Hubbell iSTATION products, including rear-loading plates and front-loading modules and frames. NEXTSPEED® jacks can be used in multimedia configurations with our Snap Fit (SF) connectors customising all workstations, consolidation points and telecommunication closets.

Features & Benefits

Features

- Centre balanced to Category 6 plug specifications.
- Positive PSACR beyond 300 MHz (channel).
- 4+Gbs capacity within the bandwidth of 1-250MHz (channel).
- 2000+ mating cycles with FCC compliant 8-position plug.
- Backwards compatible to Category 3, 5 and 5e.
- IDC pair splitting tower allows for minimum disruption to cable twist.
- Compatible with standard 110 termination tools.
- Standard HPW keystone mounting.

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 precious metal plating over nickel under plating.
 - Accepts FCC compliant 6-position plugs.

- IDC 110 contacts:
 - Material: engineered alloy with RoHS compliant lead-free plating.
 - Accommodates 22 to 26 AWG/solid.

Standards / Listings / Verifications

- ANSI/TIA-568-C.2 mechanical compliance.
- IEEE 802.3at.
- UL Listed 1863.
- CSA Certified.
- ISO 11801 Class E compliant.

Applications

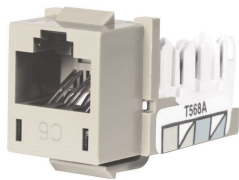
- IEEE 802.3:
 - 1000BASE-T Gigabit Ethernet
 - 100BASE-T
 - 10BASE-T
- DTE power applications.
- VoIP.
- Real-time video to the desktop.
- Multi-gigabit technologies.

NEXTSPEED® Category 6 Jacks



Black

Part Number: HXJ6BK - 1 per bag.
HXJ6BK25 - 25 per bag.

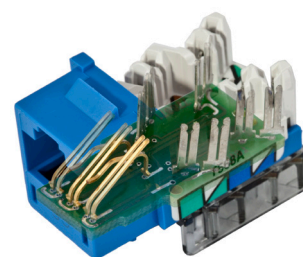
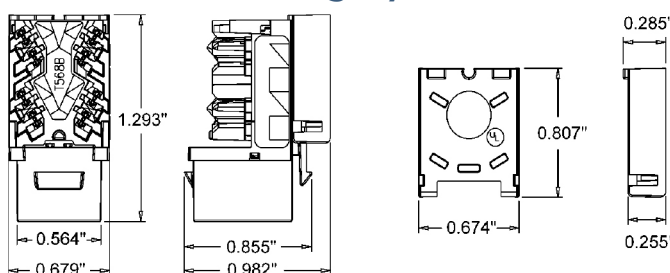


Office White

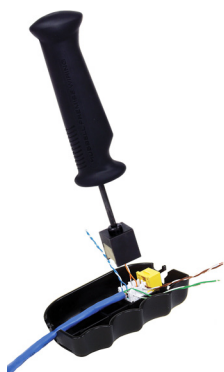
Part Number: HXJ6OW - 1 per bag.
HXJ6OW25 - 25 per bag.

Other colours available to special order.

NEXTSPEED® Category 6 Jack Dimensions




NEXTSPEED® 1-PUNCH Tool




The 1-punch tool and NEXTSPEED® jacks are made for each other. Designed to punch down all four pairs consistently and cut off all conductors in "one punch," this tool saves valuable installation time over traditional single-blade tools that require multiple cycles.

This tool should be used exclusively with NEXTSPEED® jacks and with the Hubbell Premise Wiring Jack Knuckles termination aid.


Five easy steps get the job done:

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1. Lace the jack and place in a Hubbell termination aid. Always use this tool with a termination aid.
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2. Align the head of the punch down tool over the target jack with the slots of the tool head ready to slide onto the shoulder of the jack nose.
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3. Place the punchdown head onto the Hubbell NEXTSPEED® jack.
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4. With one hand, hold the termination aid. With the other, press the handle completely down until the tool cycles impact.
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5. Remove the tool head from the jack and inspect the jack. Install stuffer cap onto the termination towers.

Part Numbers

TX4P	1-PUNCH Tool comprising of: impact handle, punchdown head, blades and Jack Knuckles termination aid.
TX4PH	Replacement 4 pair XJ head (includes blades).
TX4PHBL	Replacement 4 pair XJ blades.

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