



Category 6 Component.

PoE Tested and Verified.

Universal Keystone Design fits into all Hubbell iSTATION™ Products.

10Gig Application Assurance (TSB-155).

FEATURES

- Center balanced to Category 6 plug specifications.
- Headroom beyond 500MHz (channel)
- Exceeds IEEE 802.3af DTE Power specification to 4X the standard.
- Exceeds IEEE 802.3ab Gigabit Specification to $< 1 * 10^{-13}$.
- 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.
- Hubbell universal keystone mounting.
- Hubbell Icon compatible.
- 15 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.
 - 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.
 - 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).
- IEEE 802.3an 10 Gigabit Ethernet Verified for > 37 meters.
- ETL Verified Category 6 component.
- ETL Total Solutions tested.
- UL Listed 1863.
- CSA Certified.
- IEC-60603-7-4 compliant.
- ISO 11801 2nd Edition, Class E Compliant.



HUBBELL Xcelerator Category 6 Jacks

Exclusive Quicklace™ / 1-Punch Termination Tool Combination.



Termination Towers

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

Stuffer Cap

- Secure strain relief.
- Positive "snap" latching.

XCELERATOR™ Category 6 modular jacks (XJ6) deliver 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 802.3af standard without failure or any substantial increase in temperature providing a migration path to PoE+ (30-60 Watts).

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

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, front-loading modules and frames. XCELERATOR™ jacks can be used in multimedia configurations with our AV connectors customizing all workstations, consolidation points and telecommunication closets.

APPLICATIONS

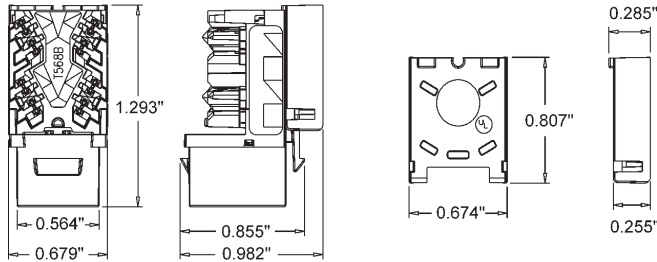
- ▲ IEEE 802.3: Ethernet Protocol
 - 10GBASE-T (10 Gigabit Ethernet).
 - 1000BASE-T Gigabit Ethernet.
 - 100BASE-T.
 - 10BASE-T.
- ▲ 155Mbps/1.2Gbps ATM.
- ▲ Qualified to TSB 155.
- ▲ IEEE 802.3 (PoE+ - 30 Watts)
 - WAPs - Wireless Access Points.
 - IP Telephony.
 - IP Cameras.
 - AF Compliant Devices.

XCELERATOR™ Jacks, Category 6

Unit Package	1 per Bag	25 per Bag
Order Qty.	Carton of 25	Bag of 25
Color	Catalog No.	Catalog No.
Almond	HXJ6AL	HXJ6AL25
Black	HXJ6BK	HXJ6BK25
Blue	HXJ6B	HXJ6B25
Ivory	HXJ6EI	HXJ6EI25
Gold	-	HXJ6GL25
Gray	HXJ6GY	HXJ6GY25
Green	HXJ6GN	HXJ6GN25
Light Almond	HXJ6LA	HXJ6LA25
Office White	HXJ6OW	HXJ6OW25
Orange	HXJ6OR	HXJ6OR25
Purple	-	HXJ6P25
Red	HXJ6R	HXJ6R25
White	HXJ6W	HXJ6W25
Yellow	HXJ6Y	HXJ6Y25



DIMENSIONS



ACCESSORIES

Icon System

Identify the work area or the cross connect with Hubbell's new icon system. The new icons are offered in packs of 100 blank or with a computer or telephone molded in. Customize each blank icon with our preprinted icon booklet. Each booklet has 11 pages with numerous labels ranging from A to G, FAX to Data, providing a multitude of options, which adheres to ANSI/TIA/EIA-606-A.

Color	Blank	Computer	Telephone
Black	IBK100	IBK100C	IBK100T
Blue	IB100	IB100C	IB100T
Brown	IBN100	IBN100C	IBN100T
Ivory	IEI100	IEI100C	IEI100T
Gray	IGY100	IGY100C	IGY100T
Green	IGN100	IGN100C	IGN100T
Orange	IOR100	IOR100C	IOR100T
Purple	IP100	IP100C	IP100T
Red	IR100	IR100C	IR100T
White	IW100	IW100C	IW100T
Yellow	IY100	IY100C	IY100T

1-PUNCH INSTRUCTIONS

The "1-Punch" Tool and XCELERATOR™ Jacks are made for each other. Designed to punch-down all 4-pairs consistently and cut off all conductors in "1-Punch". This tool saves valuable installation time over traditional single-blade tools that require multiple cycles.

This tool should be used exclusively with XCELERATOR™ jacks and with the Hubbell Premise Wiring "Jack Knuckles" termination aid.

Five easy steps get the job done:



1 Lace the jack and place in a Hubbell termination aid. Always use this tool with a termination aid.



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.



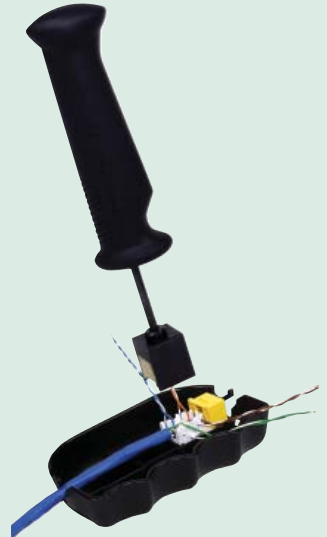
3 Place the punch down head onto the Hubbell XCELERATOR™ jack.



4 With one hand hold the termination aid. With the other, depress the handle completely down until the tool cycles impact.



5 Remove the tool head from the jack and inspect the jack and install stuffer cap onto termination towers.



1-Punch Tool

Delivery

- 1 Impact handle
- 1 Punch-down head for XCELERATOR™ jacks
- 1 "Jack Knuckles" termination aid

Description	Catalog No.
1-Punch Tool with head, blades and termination aid	TX4P

ACCESSORIES

Replacement 4-pair XJ head	TX4PH
Replacement 4-pair XJ blades	TX4PHBL
Jack Knuckles termination aid	HXTA
Snap-X termination puck (25-pack)	HXTP25
XCELERATOR™ Hinged Dust Cover (25-pk)	HXJDC25



Hubbell Premise Wiring

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Hubbell Canada Inc.	905-839-1138	Fax: 905-839-1138	Hubbell de Mexico, S.A. de C.V.	(5255) 9151-9999	Fax: (5255) 9151-9989
Hubbell Premise Wiring, Central America	506-309-4158	Fax: 506-260-1616	Hubbell Premise Wiring, Middle East	971-4-393-4192	Fax: 971-4-393-4194
Hubbell Premise Wiring, China	86-21-6374 2660	Fax: 86-21-6374 2799	Hubbell Premise Wiring, Puerto Rico	787-855-1075	Fax: 787-855-3265
Hubbell Premise Wiring, Europe	44-01283 500500	Fax: 44-01283 500400	Hubbell-Taian Co., Ltd., Taiwan	886-2-2522-1862	Fax: 886-2-2522-1872
Hubbell Wiring Systems, India	91-80-4022-4089	Fax: 91-80-4022-4033	Hubbell Premise Wiring, Venezuela	58-212-5156482	Fax: 58-212-6627258
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