HUBBELL
Next **Speed** **Ascent Jacks**
Category 6A Component

TIA and ISO Category 6A Component Compliance.

Labor Savings: Exclusive 1-Punch Termination Reduces Termination Time by 75%.

Mating Cycles Exceed Industry Standard by 2 Times.

Bulk Packaged to Eliminate Excess Packing Waste.

FEATURES

■ Enhanced common mode design eliminates residual and reflected NEXT and ANEXT.

■ Balanced PCB design delivers significant headroom over the TIA Category 6A standard up to 500MHz providing true 10GbE application assurance.

■ Wide IDC spacing allows for the easiest UTP lacing Category 6A jack in the industry.

■ Application: Third-Party qualified for 10 Gigabit Ethernet Transmission IEEE 802.3an.

■ Component: Third-Party verified for TIA-568-C.2 Category 6A component.

■ Channel: Third-Party tested for ISO 11801 Class E_A compliant.

■ Current Capacity: Qualified for PoE and PoE+ IEEE 802.3at.

■ Mechanical: Third-Party verified to TIA-568-C.2.

■ Manufacturing: 100% factory tested.

SPECIFICATIONS

◆ Nose contact material: Beryllium Copper with Precious Metal plating with Nickel under-plating.

◆ Contact performance confirmed over the full range of TIA plug deflection limits.

STANDARDS

● ANSI/TIA-568-C.2 (Previously 568-B.2-10 Category 6A) component.

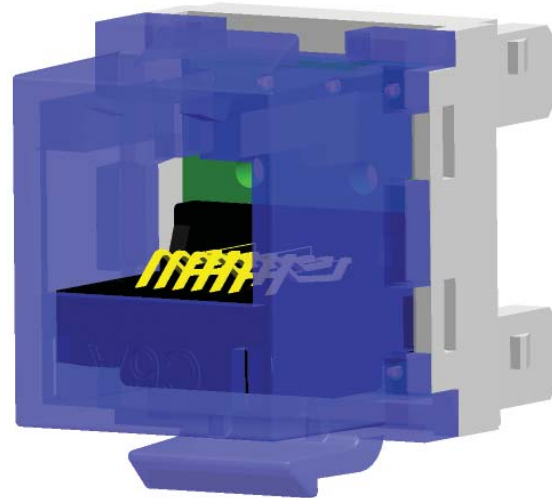● ISO 11801 Class E_A Compliant (Category 6A).

● IEEE 802.3at.

● UL Listed 1863.

Flexibility
• 15 different colors aids identification of multiple applications.

Superior Strain Relief
• Locking IDC stuffer cap ensures termination retention, securing wires during installation.

Capacity
• Small form factor allows up to 6 keystone connections in a single gang delivering maximum capacity within standard product.

Versatility
• NEXTSPEED® Ascent Jack fits in all Hubbell **iSTATION**™, Delivery and Cross Connect products.

NEXTSPEED® Ascent Category 6A is a tuned system of structured cabling components designed and center balanced to work together. NEXTSPEED® Ascent delivers headroom beyond 625MHz. State-of-the-art transmission performance and designed ANEXT suppression techniques provide the highest level of reliability in the industry.

The HJ6A jack's resilient Beryllium copper contacts deliver an added degree of protection that will withstand thousands of insertions and deliver high performance both electrically and mechanically. The HJ6A is also the first Category 6A jack to undergo extreme DTE Power testing to 4X the standard handling continuous PoE and PoE+ power, exceeding the IEEE 802.3 standard assuring a reliable connection allowing continuous power over time.

The HJ6A easily installs into HPW **iSTATION**™ products, including rear-loading plates, front-loading modules and frames. **Ascent** jacks can be used in multimedia configurations with our AV connectors customizing all work stations, consolidation points and telecom closets.

NEXTSPEED® Ascent Category 6A Jacks

The **NEXTSPEED**® Ascent Category 6A jack exceeds TIA and ISO Category 6A component specifications supporting network protocols delivering maximum 10GbE bandwidth and extended reliability for all LAN, multimedia and Power over Ethernet applications.

Delivery: 1 per Bag/Carton of 25.   25 per Bag/Carton of 1

Catalog No.   **HJ6AXX** ✔**10G**   Catalog No.   **HJ6AXX25** ✔**10G**

XX = See Jack Color Options below.

XX = Jack Color Options

AL=Almond	BK=Black	B=Blue	EI=Electric Ivory	GL=Gold	GY=Gray	GN=Green	LA=Light Almond
OW=Office White	OR=Orange	P=Purple	R=Red	TI=Telco Ivory	W=White	Y=Yellow	

ACCESSORIES

NEXTSPEED® Ascent, Category 6A, Patch Panels

HP6A48U

The **NEXTSPEED**® Ascent Category 6A Patch Panel exceeds TIA Category 6A and ISO component specifications supporting network convergence protocols delivering maximum 10GbE bandwidth and extended reliability for all LAN, multimedia, and Power over Ethernet applications.

Ports	Height	Color	Rack Units	Catalog No.
24	1.75" (45)	Black	1	**HP6A24U**
48	3.50" (89)	Black	2	**HP6A48U**
96	7.00" (178)	Black	3	**HP6A96U**
24	1.75" (45)	Silver	1	**HP6A24US**
48	3.50" (89)	Silver	2	**HP6A48US**
96	7.00" (178)	Silver	3	**HP6A96US**

NEXTSPEED® Ascent Category 6A Patch Cords

Color: Gray

Catalog No.   **PC6AGYXX**

XX = Standard Color:
"**B**" = Blue; "**BK**" = Black; "**GY**" = Gray; "**Y**" = Yellow.
For other colors replace color designation with one of the following:
OR = Orange, **R** = Red, **GN** = Green, **P** = Purple, **W** = White

* = Standard Length:
"**03**"=3'; "**06**"=6'; "**08**"=8'; "**10**"=10'; "**12**"=12'; "**16**"=16'; "**20**"=20'.
MTO lengths: 25', 30', 35', 40', 45', 50', 55', 60', 75', and 100'.

Sold by:

TWAcomm.com
http://www.TWAcomm.com
Toll Free: (877) 389-0000

NEXTSPEED® Ascent, Category 6A, UTP Cable

Category 6A UTP Cable	Plenum Spool	Riser Spool
Catalog No.	**C6ASPXX**	**C6ASRXX**

XX = See color chart below.

Cable Color Options

B=Blue	GY=Gray	W=White	Y=Yellow

Icon System

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.
NOTE: *Cannot be used with SJ Jack Series.*

Color	Blank	Computer	Telephone
See Code below	**IXX100**	**IXX100C**	**IXX100T**

XX = Icon Color Options

BK=Black	B=Blue	BN=Brown	EI=Electric Ivory
GY=Gray	GN=Green	OR=Orange	P=Purple
R=Red	W=White	Y=Yellow	

Jack Dust Cover

Mounts within the icon slots located above the RJ45 opening. An icon can be housed on the dust cover in the center of RJ45 opening to provide port identification. Material: Polypropylene.

Catalog. No.   **HXJDC25**