**Xcelerator™ XJ5e Modular Jacks**

Through innovation and technological advancements, the Xcelerator™ XJ5e jack sets itself apart from the competition. Combining superior Category 5e component performance with a reliable QuickLace™ termination process, the XJ5e jack leads the industry with its unique multi-patent design features.

Every aspect of the XJ5e series jack has been precision engineered for optimum performance, from the printed circuit board to the clear gray stuffer cap. The XJ5e features numerous innovations including Hubbell's exclusive QuickLace termination process, a unique universal wiring system, "patented" angled IDC 110 towers, one-piece latching stuffer cap, optional hinged dust cover, encapsulated high-density construction.

### Performance
- Exceeds the Category 5e EIA/TIA-568-B.2 component requirements;
- ETL Verified component performance
- Component of ETL's Total Solutions Program

### Stuffer Cap
- Clear, gray stuffer cap provides secure strain relief through a positive “snap” latching mechanism

### Termination Towers
- Angled, staggered IDC towers designed for easy pair splitting, conductor lacing, punch-down, providing exceptional strain relief

### Density
- Compact profile for high capacity multimedia applications

### Dust Cover
- Optional hinged dust cover protects port from unwanted environmental and non-environmental elements

### Keystone
- Keystone design mounts in any Hubbell Infin-e-Station™ plate, frame, module, furniture plate or multimedia housing

### Universal Wiring
- Two distinct easy-to-follow labels provide a universal wiring system that eliminates wiring confusion, permits termination to either T568A or T568B

### PCB/IDC
- Angled, staggered IDC 110 contact configuration and printed circuit board design provides optimal product performance

### Nose Contacts
- Innovative front-to-back contact design provides contact separation increasing performance and controlling crosstalk

### Jack Panel
- Use in unloaded jack panel available for flexible rack mount applications for 16, 24, 36 and 48-port configurations

### Colors
- Available in 13 colors, providing identification options for network configurations

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The XJ5e is third party verified by ETL (passive) for ANSI/TIA/EIA-568-B (Category 5e) component specifications, providing unsurpassed headroom, consistently achieving positive PSACR beyond 175MHz when configured in a worst-case, 4-connector channel configuration. The XJ5e is ETL Verified to meet all IEEE 802.3ab specifications (active) for error-free Gigabit Ethernet transmissions, as part of ETL's Total Solution Program.

The Xcelerator™ GX2 modular jack series easily installs into all Hubbell Premise Wiring Infin-e-Station™ rear-loading fixed plates, front-loading modules and frames, multimedia housings and furniture plates. The XJ5e can be utilized in a wide variety of multimedia configurations in combination with our Snap Fit (SF) modules, customizing all work stations.
**SPEEDGAIN™ Xcelerator™ Category 5e Jacks**

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**Accessories**

- **Xcelerator™ Hinged Dust Cover**: Qty. Catalog No. HXJDC25
- **“Jack Knuckles” Termination Tool**: Qty. Catalog No. HXTA
- **“1-Punch” 4-Pair Punch-Down Tool**: Qty. Catalog No. TX4P
- **“Xcelerator™ 4-Pair Replacement Head**: Qty. Catalog No. TX4PH

**Termination Tools**

- **Jack Knuckles**: Accommodates HD and XJ series jacks, Textured hand grip, Pressure-fit cable holder, Screws to standard 19” rack upright for jack panel termination
- **1-Punch**: Terminates all 4-pairs in one shot, 75% termination time/labor savings, Specifically designed for Xcelerator™ Jack only

**Order Information**

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**Dimensions**

- Jack
- Stuffer Cap

**Category 5e Component Data**

- **NEXT Values @ 100MHz**
  - Worst: -50dB
  - Average: -58dB

- **Return Loss Values @ 100MHz**
  - Worst: -28dB
  - Average: -37dB

**Construction Materials**

- Housing - Flame Retardant (UL 94 V-0)
- Termination Towers - Flame Retardant (UL 94 V-0)
- Termination/Stuffer Cap - Flame-Retardant (UL 94 V-0)
- Dust Cover - Polypropylene

**Contact Materials**

- Nose Contacts - Beryllium Copper base metal with a minimum of 50 micro-inch Gold Plating over Nickel underplating
- IDC 110 Contacts - Phosphorus Bronze base metal with 100 micro-inch Tin Lead 60/40 plating over Nickel underplating

**Performance Specifications**

- Confirmed contact performance over full range of (FCC Specification) deflection limits
- 2,500+ mating cycles
- Insulation Displacement Contact (IDC) accommodates 22 to 26 AWG/Solid
- 10+ IDC terminations for same size AWG
- Accepts FCC 6-position plugs
- Guaranteed positive PSACR to 175MHz (channel)

**Nationally Recognized Listings and Verifications**

- ANSI/TIA/EIA-568-B (Category 5e) component compliant
- IEEE 802.3ab Gigabit Ethernet verified
- ETL Verified for Category 5e component performance
- UL Listed Category 5e
- CSA Certified
- FCC part 68.5, subpart F compliant
- IEC-603-7 compliant
- ISO 11801 Class D compliant

**Accessories**

- Hinged Dust cover
- “Jack Knuckles” Termination Tool
- “1-Punch” 4-Pair Punch-Down Tool
- “Xcelerator™ 4-Pair Replacement Head”

**Worldwide Locations**

Hubbell Premise Wiring
HUBBELL INCORPORATED (Delaware)
14 Lord’s Hill Road • Stonington, CT 06378-0901 • (860) 535-8326 • 800-626-0005
Fax: (860) 535-8328 • Internet site: http://www.hubbell-premise.com

Hubbell Premise Wiring, Asia Pacific
852-2836-7131 • Fax: 852-2836-7122
Hubbell Premise Wiring, Asa Pacific
905-839-1138 • Fax: 905-839-9108
Hubbell Premise Wiring, China
86-21-6217-3478 • Fax: 86-21-6217-3481
Hubbell Premise Wiring, Europe
44-(0)1234-849550 • Fax: 44-(0)1234-856190
Hubbell Premise Wiring, Latin America
305-251-4236 • Fax: 305-251-4087
Hubbell Premise Wiring, Mexico
52-5-575-2022 • Fax: 52-5-559-8630
Hubbell Premise Wiring, Middle East
971-4-393-4192 • Fax: 971-4-393-4194
Hubbell Premise Wiring, Puerto Rico
787-840-3380 • Fax: 787-751-7309
Hubbell Premise Wiring, Taiwan
886-2-(0)2515-0855 • Fax: 886-2-(0)2515-0899
Hubbell Premise Wiring, Turkey
90-216-414-8147 • Fax: 90-216-414-8148
Hubbell Premise Wiring, Venezuela
58-81-820323 • Fax: 58-81-820323