

## Xcelerator Category 6 Jack

### Features

- Third Party Verified Category 6 Component Compliant
- Exclusive 1-Punch Termination Reduces Termination Time by 75%
- Mating Cycles Exceed Industry Standard by Four Times

### Ordering Information

| Description  | Color        | Catalog No.     | UPC          |
|--|--------------|-----------------|--------------|
| NEXTSPEED Xcelerator<br>Category 6 Component Jack,<br>25 Jacks | Office White | <b>HXJ6OW25</b> | 662620825359 |

### Listings

ANSI/TIA/EIA-568-C.2 Category 6 component  
ISO 11801/60603-7-41 Category 6 component  
Mechanical: Verified to TIA-568-C.2  
UL Listed 1863  
Mechanical TIA-568-C.2  
CSA Certified  
RoHS Compliant

### Specifications

|              |  |
|--------------|--|
| Nose Contact | Beryllium copper with precious metal plating over nickel under plating               |
| IDC Contact  | Phosphor bronze with 100 micro-inch tin lead 60/40 plating over nickel under plating |
| Housing      | High impact thermoplastic (UL 94 V-0)  |
| Stuffer Cap  | Lexan® (UL 94 V-0)   |

### Performance

#### Electrical

Center balanced to Category 6 plug specifications  
Positive PSACR beyond 300 MHz (channel)  
4+Gbs capacity within the bandwidth of 1-250MHz (channel)  
Qualified to 150% of 802.3bt PoE Current Level

#### General Information

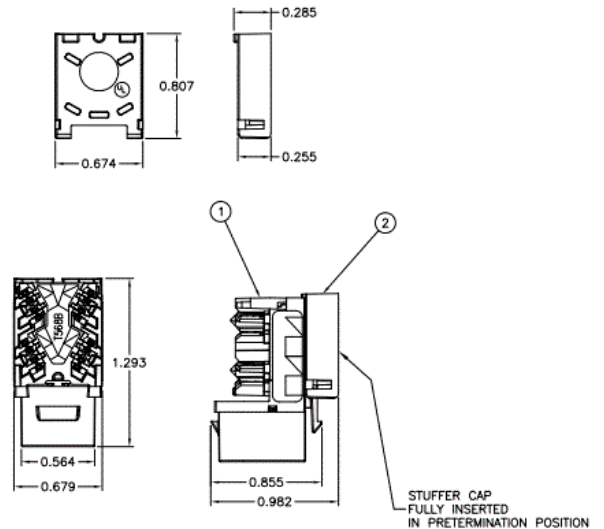
Backward compatible to lower installed Categories  
Icon Compatible Supporting 606-B requirements  
100% factory tested

#### Mechanical

Nose Contact Mating Cycles: 2000  
IDC Contact Termination: 10x  
Keystone Latching Force: 25 lbs.  
Contact performance confirmed over the full range of ISO/FCC compliant plug

### Applications

IEEE 802.3ab 1000GBASE-T  
IEEE 802.3bt 4PPoE Power over Ethernet  
TIA TSB-155 10GbE Over 55 Meters



### Accessories

|                       |                |
|-----------------------|----------------|
| 1-Punch Tool          | <b>TX4P</b>    |
| Category 6 Patch Cord | <b>HC6W03</b>  |
| Dust Cover            | <b>HXJDC25</b> |
| Termination Puck      | <b>HXTP25</b>  |
| Category 6 Cable      | <b>C6SPB</b>   |

### Online Resources

eCatalog