

## 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
- Bulk Packaging Reduces Excess Waste on the Job

### Ordering Information

Description	Color	UPC Number	Catalog No.
NEXTSPEED Xcelerator Category 6 Component Jack, 1 Jack	Yellow	662620825465	HXJ6Y

### 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

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

#### General Information

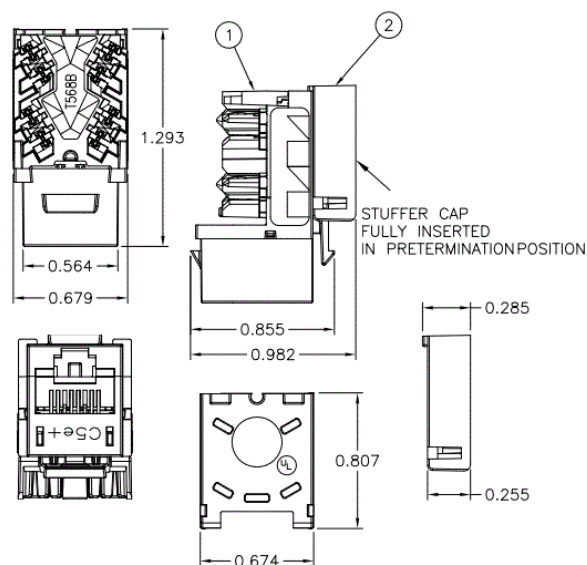
100% factory tested  
 Backward compatible to lower installed Categories  
 Icon Compatible Supporting 606-B requirements

#### Mechanical

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

### Applications

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



### Complementary Products

1-Punch Tool	TX4P
Category 6 Patch Cord	HC6Y03
Dust Cover	HXJDC25
Termination Puck	HXTP25
Category 6 Cable	C6SPB

### Online Resources

eCatalog