NEXTSPEED®
Jacks

Xcelerator Category 6 Jack

Features

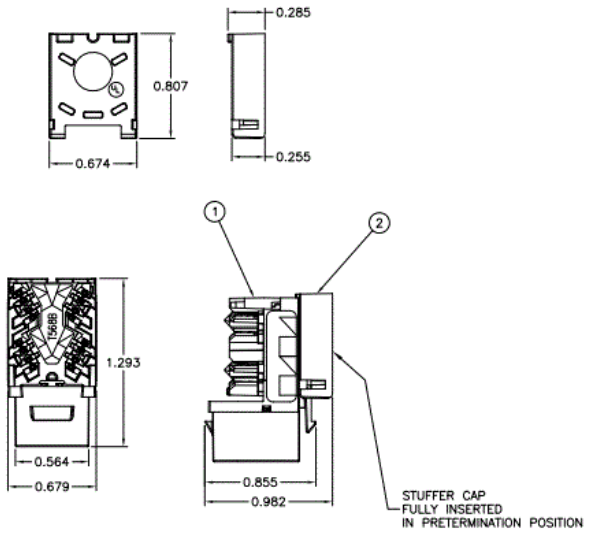
- Third Party Verified Category 6 Component Compliant
- Exclusive 1-Punch Termination Reduces Termination Time by 75%
- Mating Cycles Exceed Industry Standard by Four Times
- Bulk Packaging Reduces Excess Waste on the Job

Ordering Information

Description	Color	Catalog No.	UPC
NEXTSPEED Xcelerator Category 6 Component Jack, 1 Jack	Office White	**HXJ6OW**	662620825342

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	**TX4P**
Category 6 Patch Cord	**HC6W03**
Dust Cover	**HXJDC25**
Termination Puck	**HXTP25**
Category 6 Cable	**C6SPB**

Online Resources

Customer Use Drawing
eCatalog

Dimensions in Inches (mm)

Wiring Device-Kellems