NEXTSPEED®
Jacks

Ascent Category 6A Jack

Features

- Third Party Verified Category 6A Component Exceeds TIA and ISO Limits
- Exclusive 1-Punch Termination Reduces Termination Time by 75%
- Qualified to 150% of 802.3bt PoE Current Level

Ordering Information

Description	Color	Catalog No.	UPC
NEXTSPEED Ascent Category 6A Component Jack, 1 Jack	Ivory	**HJ6AEI**	662620214023

Listings

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

Specifications

Nose Contact	Beryllium copper with precious metal plating with 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)
Packaging	Carton 100% recycled material - bag 85% recycled material

Performance

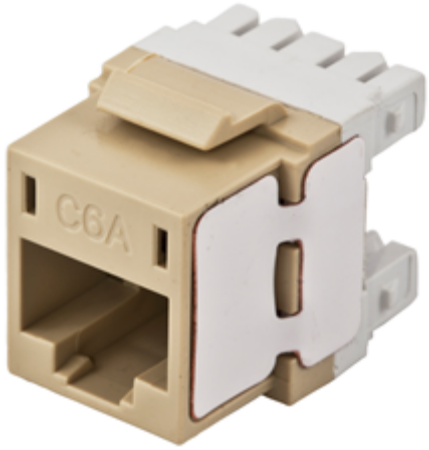
Electrical
4.5db min NEXT margin over TIA 568-C.2 component at 500MHz
1.5 dB min NEXT margin over ISO component
Qualified to 150% of 802.3bt PoE Current Level
Enhanced common mode design eliminates residual and reflected NEXT and ANEXT

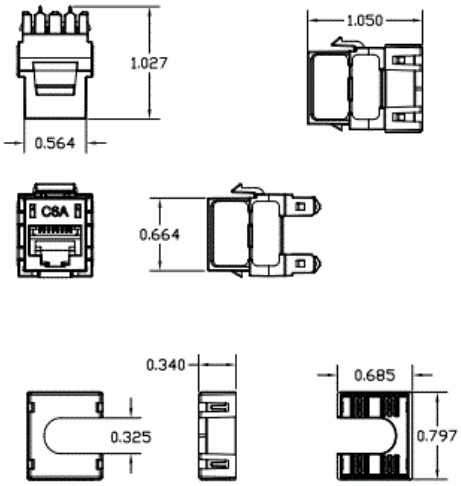
General Information
Backward compatible to Category 6, & 5e
Icon Compatible Supporting 606-B requirements
HJ6Axx Jacks are not compatible with RJ11, RJ14 or RJ25 6-position plugs
100% factory tested

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 802.3an 10GBASE-T
IEEE 802.3bt 4PPoE Power over Ethernet
IEEE 802.11ac and IEEE 802.11ax WAP Deployments





Accessories

1-Punch Tool	**TX4P6A**
Category 6A Patch Cord	**HC6AW03**
Dust Cover	**HXJDC25**
Ascent Termination Puck	**HJTP6A25**
Category 6A Cable	**C6ASPB**

Online Resources

Customer Use Drawing
eCatalog