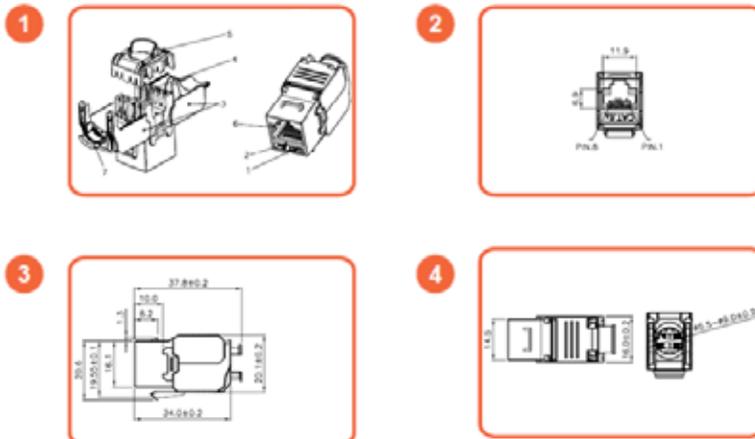Our fully shielded (S/FTP) category 6A keystone jack is designed to transmit data at 10 gigabits per second while ensuring stable operation at 500MHz or higher frequencies and works with any board wall mount box or keystone type surface. This modular connector features nickel plated phosphor bronze contacts with 50 micro-inch gold plating. Easy to install, allows termination by hand or using a punch to block 110. This module allows connections to solid and stranded conductors with gages ranging from 23 to 26 AWG (American Wire Gage), and meets ANSI/-TIA/EIA-568 C.2 broadcast standards. It has ISO/IEC 11801, IEC 60603-7-5 and UL 94-V2 certifications. The connector includes an overall metal shield that provides a conductive path to ground, which meets the requirements of IEEE 802.3af and IEEE 802.3at for Power-over-Ethernet applications (PoE).

NAW-KSTO6ASL

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Product specifications

Connector characteristics	
RJ45 jack housing and contact bracket (1)	Nickel plated zinc die-casting, PC, UL 94V-2, clear color
RJ45 contact material and finishing (2)	Phosphor bronze with 50+60 micro-inch nickel plated. Contact area: 50 micro-inch gold plating
Cap A and B (3)	Nickel plated zinc die-casting
IDC housing and terminal (4)	PC + glass fiber, grey color (RAL7035), UL 94V-2. Phosphor bronze with tin plating
IDC CAP (5)	PC + glass fiber, white color, UL 94V-2
Clip (6)	Stainless steel
Grounding contact (7)	Nickel plated zinc die-casting
Insertion force	30N max (IEC 60603-7-5)
Retention strength	7.7 Kgs between jack and plug
Durability	Jack: 750 cycles plug-jack mating and unmating test, insertion cycles at 20 cycles/minute max. Contact resistance test per 100 cycles (ISO/IEC 11801, IEC 60603-7-5)
Wiring	T568A & T568B
Operating temperature	-10ºC to 60ºC (ISO/IEC 11801, ANSI/TIA/EIA-568-C.2)
Transmission characteristics	
Transmission speed	10.000 Mbps / 10 Gbps
Bandwidth	500 MHz
Certifications and standards	
International standards	ANSI/TIA/EIA-568-C.2, ISO/IEC 11801
ETL certificate	101002179CRT-001a
Miscellaneous	
Color	SILVER
MPN	NAW-KSTO6ASL
UPC	798302033573
Labeling	NEXXT SOLUTIONS CAT 6A
Packaging	Plastic Bag
Quantity per bag	1 unit
Cuft	1,07 up to 1,75 per 100units
Warranty	Lifetime limited warranty*