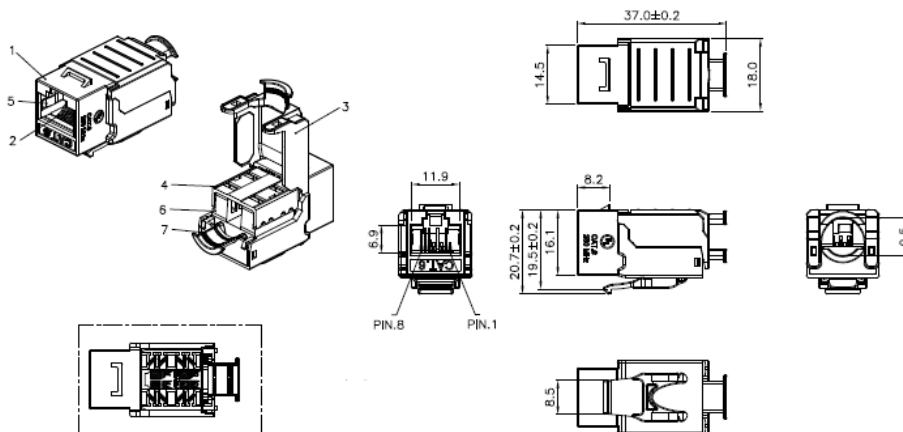


Our fully shielded category 6 keystone jack is designed to transmit data at 1 gigabit per second while ensuring stable operation at 250MHz or higher frequencies, and works with any board wall mount box or keystone type surface. This modular connector features nickel plated phosphor bronze contacts with 50micrinch 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).

PCGKJC6TYRJSL





Product specifications

Connector characteristics

Housing material (1)	Zinc die cast with nickel plating
RJ45 contact material and finishing (2)	Phosphor bronze with 50+60 micro-inch nickel plated contact area: min. 3 mm 50 micro-inch gold plated
IDC housing (3)	PC + glass fiber, grey color (RAL7035), UL 94V-2
IDC terminal material and finishing (4)	Phosphor bronze with min. 50 micro-inch gold plating
IDC CAP (5)	PC + glass fiber, white color, UL 94V-2
Insertion force	30N max (IEC 60603-7-5)
Retention strength	7.7 kg 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 and T568B
Operating temperature	-10°C to 60°C (ISO/IEC 11801, ANSI/TIA/EIA-568-C.2)

Transmission characteristics

Transmission speed	1,000 Mbps / 1 Gbps
Bandwidth	250MHz

Certifications and Standards

International Standards	ANSI/TIA/EIA-568-C.2, ISO/IEC 11801
UL Certificate	20080124 - E318655 DUXR.E318655

Miscellaneous

Color	SILVER
MPN	PCGKJC6TYRJSL
UPC	798302033603
Labeling	NEXXT SOLUTIONS CAT.6
Packaging	Plastic Bag
Quantity per Bag	1 unit
Cuft	1,07 per 100units
Warranty	Lifetime limited warranty*

