

PRODUCT DATA SHEET

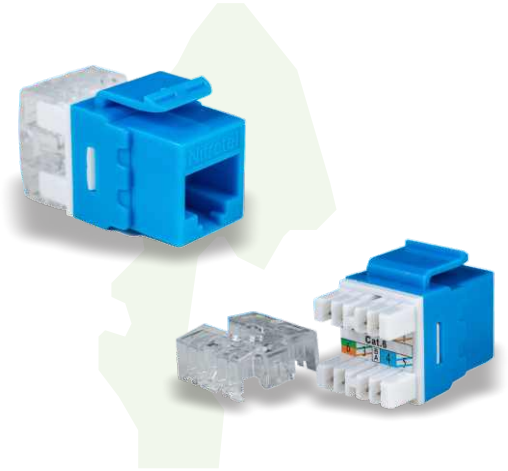
EngineerPro® Cat 6 UTP Keystone Jack, 180 Degrees

Overview

Nitrotel Cat6 Keystone Jacks offer exceptional interconnection in 10/100/1000 Base-T Fast and Gigabit Ethernet applications. These component-rated keystone jacks work together with high speed cables, cores and panels to provide performance beyond proposed category 6 standards. Their compact design allows them to fit into any conventional face plate, outlet box, or panel.

Features

- Backward compatible
- Compliant with EIA/TIA-568.2-D Cat6 connecting hardware specifications
- PoE Compliance: Supports IEEE 802.3af / 802.3at / 802.3bt at PoE++ applications and Supports Power over HDBaseT™ (PoH) up to 100 watts
- Dual-color coded labeling made for both 568A & 568B wiring schemes
- Compact slim design fits into any conventional face plate, outlet box, or panel
- UL 1863 approved
- Patented Printed Circuit Board designed to meet Cat6 performances
- Utilizes 180 degree industry standard 110 termination style
- 50u" gold plated contacts.
- Enhanced IDC termination towers reduce installation time and increased performance



Technical Specifications

Performance:	Specifications:
Cat6	550 MHz
Compliance	Meets EIA/TIA-568.2-D transmission performance specifications and ISO 11801 Class E channel and component requirements at swept frequencies up to 250 MHz.
IDC:	Specifications:
Housing	PC UL 94
Type	110 Punchdown, 180 degrees
Contact Construction	Phosphor bronze with tin plated
Operating Life	200 re-terminations (min.)
Cabling	22-26 AWG, Stranded and Solid UTP cable
Electrical:	Specifications:
Wiring for	T568A or T568B
Dielectric Withstand	1000 VAC RMS @ 60Hz
Voltage/current	150 VDC @ 1.5A, max., > 100mW @ 500 Vdc
RJ45 Connector:	Specifications:
Contact Construction	Phosphor bronze, 50µ in. gold plating
Insertion Life	750 insertions, min., @ < 0.2 dB of insertion loss
Insertion Force	900 gms for 8 contacts
Retention Strength	7,7 Kgs between Jack and Plug
Housing	High-impact thermoplastic, UL94V-0 rated

Order information (Part Number)

NTKJ1806E__SL



Special orders available upon request.



