

## NX-K6

### Cat6 Pass-Through RJ45 Modular Connector

Gold-plated 8P8C shielded connector — 20 pack — pass-through design for error-free, professional cable termination



The Nexakey NX-K6 is a professional Cat6 pass-through RJ45 modular connector delivering superior signal integrity for custom-length ethernet cable terminations. Featuring gold-plated 8P8C 2-prong contacts and full shielding, it reduces pair-to-pair crosstalk and improves noise immunity in demanding network environments. The foldable shrapnel design allows wires to pass completely through before crimping — eliminating misalignment errors and ensuring consistent, professional results. Sold in 20-piece packs, compatible with 24AWG Cat5e/Cat6 cables and standard pass-through crimping tools.

#### KEY FEATURES

- ✓ **Pass-Through Design** — wires feed completely through the connector before crimping — eliminates pin misalignment errors
- ✓ **Gold-Plated 8P8C Contacts** — 50µ gold plating on 8-pin contacts ensures low resistance, corrosion resistance, and reliable signal
- ✓ **Fully Shielded Housing** — reduces pair-to-pair crosstalk and improves noise immunity in high-interference environments
- ✓ **2-Prong Contact Blade** — dual-blade contact design enhances grip on each conductor for maximum signal clarity and retention
- ✓ **24AWG Cat5e / Cat6 Compatible** — works with all standard UTP and STP ethernet cables up to Cat6 specification
- ✓ **20-Piece Pack** — bulk pack of 20 connectors with foldable shrapnel clips — ideal for professional network installers

#### APPLICATIONS

- Structured Network Cabling Installations
- IP Surveillance & NVR System Wiring
- Corporate Office & Data Center Patching
- PoE Switch & Access Point Connections
- Custom-Length Ethernet Cable Assembly
- Field Repair of Damaged Ethernet Cables

#### TECHNICAL SPECIFICATIONS

Model	NX-K6	Type	Cat6 Pass-Through RJ45 Modular Connector
Connector Standard	8P8C (RJ45)	Contact Plating	Gold-Plated (50µ)
Contact Design	2-Prong Blade per Pin	Cable Compatibility	Cat5e / Cat6 UTP / STP
Wire Gauge	24 AWG	Shielding	Fully Shielded Housing
Installation Type	Pass-Through (Wires Feed Through)	Crimping Tool	Standard Pass-Through RJ45 Crimper
Pack Quantity	20 Pieces per Pack	Operating Temperature	-20°C ~ +60°C
Indoor / Outdoor	Both	Certifications	UL, FCC, RoHS
Country of Origin	China	Warranty	24 Months

#### CERTIFICATIONS

UL

FCC

RoHS

#### NEXAKEY

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