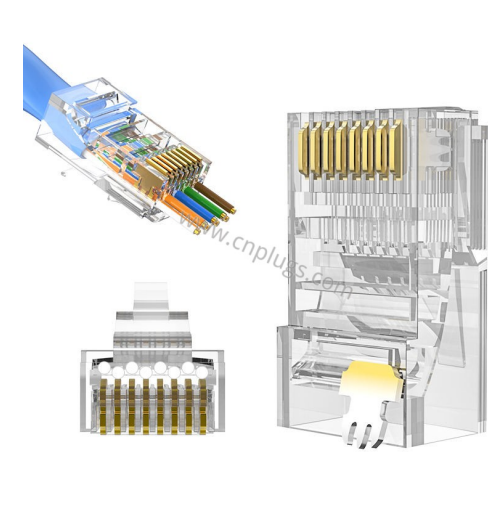


Pass-Through RJ45 Plugs

EZ Pass-Through Cat6 RJ45 Unshielded Modular Plug



Key specifications

Product Type	EZ Pass-Through RJ45 Modular Plug
Cable Compatibility	Cat6 Unshielded Twisted Pair (UTP) - Solid & Stranded
Conductor Wire Gauge	23 AWG to 24 AWG
Housing Material	Transparent polycarbonate (PC)

Product summary

- **Premium Japanese Polycarbonate:** Manufactured from original high-clarity PC resin, offering exceptional impact resistance, high flexibility, and long-term structural integrity.
- **Efficient Pass-Through Design:** Allows all conductor wires to feed completely through the front tip, enabling instant visual confirmation of the T568A/T568B wiring sequence before crimping.
- **Optimized 3-Prong Gold Contacts:** Features 50u" gold-plated 3-prong blades that securely lock onto solid or stranded conductors to ensure stable gigabit data transmission.
- **Bulk & OEM Ready:** Standardized packaging of 100 pcs/bag with comprehensive support for custom branding, tailored labeling, and high-volume wholesale distribution.

Product page:
<https://www.cnplugs.com/product/ez-pass-through-cat6-rj45-unshielded-modular-plug/>
Category: Pass-Through RJ45 Plugs

Contact & technical support

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Product details

Professional-Grade Connectivity for Modern Enterprise Networks

In today's fast-paced telecommunications and IT infrastructure landscape, network installers, data center operators, and global distributors demand components that maximize installation efficiency without compromising on signal fidelity. The **EZ Pass-Through Cat6 RJ45 Unshielded Modular Plug** is engineered from the ground up to streamline field terminations while delivering uncompromised performance. Whether you are outfitting a massive corporate data center, expanding a commercial office building, or deploying high-speed structured cabling, these connectors provide the exact reliability your projects require.

Engineered for Precision and Speed

Traditional closed-end modular plugs frequently lead to wasted materials and frustrating installation bottlenecks due to the difficulty of maintaining correct wire alignment inside the tiny housing. Our pass-through technology solves this challenge completely. Technicians can push all eight conductor wires straight through the front aperture of the plug, visually inspecting the pinout sequence at a glance. Once verified, a specialized pass-through crimp tool trims the excess wire cleanly while crimping the contacts, slashing installation times by up to 50% and virtually eliminating costly mis-wire callbacks.

Superior Materials and Mechanical Durability

Quality begins at the molecular level. Unlike inferior connectors built from recycled plastics that turn brittle and yellow over time, our Cat6 UTP modular plugs are manufactured exclusively from high-grade Japanese polycarbonate resin. This material provides exceptional crystal-clear transparency and superior resistance to thermal and physical stress.

Inside the housing, our specialized 3-prong contact design creates a multi-point grip on the copper conductor. Each contact is coated with a heavy 50 micro-inch layer of gold plating, providing superior resistance against oxidation, corrosion, and wear over thousands of mating cycles. This ensures your network maintains stable gigabit or multi-gigabit Ethernet performance year after year.

To help you verify compatibility with your cabling infrastructure, review the core physical and electrical specifications below:

Expanding Your Infrastructure Solutions

To build a comprehensive, resilient network, pairing the right connector with the correct environment is critical. For high-EMI industrial setups or areas prone to electrical interference, consider upgrading your specifications to our robust **Field Termination Toolless Zinc Alloy Shielded Plug**. Additionally, for specialized industrial machinery, inverters, and POS equipment that demand higher pin counts, our heavy-duty **10P10C RJ50 Industrial Communication Plugs** deliver unmatched versatility and secure multi-wire connection capabilities.

Q: What makes a "pass-through" connector superior to a traditional closed-end RJ45 plug?

A: Pass-through connectors allow the internal wire pairs to pass completely through the front of the plug before crimping. This allows the installer to visually verify the color code sequence, ensuring zero mistakes, preventing push-back issues, and drastically reducing field termination time.

Q: Are these modular plugs compatible with both solid and stranded Cat6 network cables?

A: Yes, the internal channel and 3-prong staggered contact design are meticulously engineered to securely accommodate both 23 AWG solid and 24 AWG stranded unshielded twisted pair (UTP) copper cables.

Q: Do you support OEM branding and customized packaging for bulk wholesale buyers?

A: Absolutely. As a direct manufacturer, we offer full OEM/ODM customization services, including custom bag printing, logo stamping, barcode labeling, and bulk master carton configurations tailored to your regional distribution standards.

Q: What kind of crimp tool should be used with these EZ pass-through plugs?

A: For optimal results, we recommend using a standard pass-through crimping tool (often called an EZ crimper). These tools feature a built-in blade that cleanly shears off the protruding excess copper wires flush with the front face of the connector during the crimping cycle.

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Technical specifications

Specification	Published value
Product Type	EZ Pass-Through RJ45 Modular Plug
Cable Compatibility	Cat6 Unshielded Twisted Pair (UTP) - Solid & Stranded
Conductor Wire Gauge	23 AWG to 24 AWG
Housing Material	Transparent polycarbonate (PC)
Contact Blade Type	3-Prong Staggered Blade Design
Contact Plating	Phosphor Bronze with 50u" Gold Plating
Insertion Life	Min. 750 Mating Cycles
Operating Temperature	-40°C to +85°C
Standard Packaging	100 pcs per Poly Bag (OEM/ODM Customization Available)