

Standard Cat6 & Cat5e Plugs

Custom Logo Cat5e RJ45 Connector UTP Modular Plug 8P8C - 3 Prongs 50μ" Gold Plated, Solid & Stranded Wire, OEM Private Label, 100% Virgin PC

**Key specifications**

Model / Type	Cat5e UTP RJ45 modular plug, 8P8C, one-piece, custom logo
Logo Options	Laser engraving (MOQ 10,000 pcs) or in-mold embossing (MOQ 100,000 pcs)
Private Label Packaging	Custom printed PE bags, header cards, boxes, blister packs, master cartons
Contact Design	3 prongs (tri-fork), for solid & stranded conductors

Product summary

- **OEM Cat5e UTP 8P8C RJ45 modular plug with your custom logo** — laser engraved or in-mold embossed on the plug body, plus full private-label packaging
- **3-prong contact design** for both solid and stranded 24–26AWG copper conductors — one SKU covers field termination and patch cord production
- **50μ" gold plated contacts** (3μ"–50μ" optional) over phosphor bronze for low signal loss, corrosion resistance, and 750+ mating cycles
- **Rated to 100MHz per ANSI/TIA-568 Cat5e** — supports 100BASE-TX, Gigabit Ethernet (1000BASE-T), and PoE / PoE+ / PoE++ loads
- **100% virgin PC (polycarbonate) housing**, crystal clear, UL 94V-2 — sharp logo definition, no recycled resin, crack-free crimping
- **Brand-friendly MOQ from 10,000 pcs** — free logo mockup in 24h, 7–15 day lead time, 100% Fluke DSX tested, RoHS/REACH/CE

Product page:

<https://www.cnplugs.com/product/custom-logo-cat5e-utp-rj45-connector-oem-plug/>

Category: Standard Cat6 & Cat5e Plugs

Contact & technical support

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Product details

Custom Logo Cat5e UTP RJ45 Connector - OEM Private Label 3-Prong 50μ” Gold Plated Modular Plug

The custom logo Cat5e unshielded RJ45 modular plug from PROUNTA gives cable brands, network distributors, and CCTV/PoE equipment suppliers a way to sell the industry's highest-volume connector under their own name. Your logo is applied by precision laser engraving or in-mold embossing directly on the plug body, and every layer of packaging — PE bags, header cards, inner boxes, and master cartons — is printed to your brand artwork. The connector itself is a genuine Category 5e plug: 3-prong contacts with 50μ” hard gold plating, a one-piece crimp-and-go body molded from 100% virgin polycarbonate, and certified performance to 100MHz over [Category 5e cable](#) for Fast and Gigabit [Ethernet](#) (1000BASE-T).

PROUNTA is a factory-direct RJ45 manufacturer with in-house pin stamping, nickel/gold electroplating, injection molding, laser marking, and 100% Fluke DSX component testing — the vertical integration that lets us guarantee identical quality on every branded reorder, with 50M+ pcs monthly capacity behind your growth.

3 Prongs, 50μ” Gold: The Spec Big Buyers Search For

Your Logo, Two Application Methods

100% Virgin PC Housing - Crisp Logos, No Recycled Resin

Sharp, high-contrast logo marking is only possible on premium material. This plug is molded exclusively from 100% virgin polycarbonate (Teijin/Covestro grade): a crystal-clear, bubble-free body that takes laser marking with clean edges, allows instant T568A/T568B wire sequence inspection before crimping, and flexes without snapping at the latch. The housing is UL 94V-2 flame retardant and holds ±0.05mm dimensional tolerance for smooth, full-seat insertion into every standards-compliant RJ45 jack, router, hub, and patch panel port. Recycled-resin plugs — common at the cheapest end of the market — mark poorly, crack under the crimp die, and put your brand name on warranty claims.

Who Buys Custom Logo Cat5e Plugs?

Cat5e remains the highest-volume connector category in security and telecom distribution, which makes it the natural first SKU for a private-label program. Typical partners include CCTV and IP camera brands bundling branded plugs with NVR kits, national cable distributors building house brands, ISP and telecom contractors standardizing branded consumables, and patch cord factories whose customers specify branded components. Built to the universal 8P8C [modular connector](#) geometry, your branded plug works with all standard crimping tools and inter-mates with every compliant RJ45 jack on the market.

How the OEM Process Works

Q2: Does this plug really work on both solid and stranded cable?

Yes. The 3-prong contact is engineered for dual compatibility — it pierces stranded conductors cleanly and straddles solid cores securely. This is the same design approach used by leading US brands, and it lets you market one SKU for both field and factory termination.

Q4: Will the logo survive handling, and can you match our packaging exactly?

Laser marks are permanent and embossed marks are part of the molded body — neither rubs off. Packaging is printed to your artwork including barcodes, multilingual labels, and regional compliance marks; housing color tints are available for full differentiation.

Q5: How do you protect our brand and quality reputation?

Every batch is traceable to its plating record and ships with Fluke DSX-8000 component test documentation. We sign OEM confidentiality agreements, never resell customer artwork or branded stock, and support third-party inspection (SGS/TÜV) before shipment.

Technical specifications

Specification	Published value
Model / Type	Cat5e UTP RJ45 modular plug, 8P8C, one-piece, custom logo

Specification	Published value
Logo Options	Laser engraving (MOQ 10,000 pcs) or in-mold embossing (MOQ 100,000 pcs)
Private Label Packaging	Custom printed PE bags, header cards, boxes, blister packs, master cartons
Contact Design	3 prongs (tri-fork), for solid & stranded conductors
Pin Material / Plating	Phosphor bronze, nickel underplated; 50μ" gold standard (3μ"-30μ" optional)
Housing Material	Transparent polycarbonate (PC)
Compatible Cable	Cat5e/Cat5 UTP, solid or stranded, 24-26AWG
Insulated Wire OD / Jacket OD	0.80-1.02mm (0.031"-0.040") / ≤6.0mm (0.236")
Frequency / Application	100MHz; 100BASE-TX, 1000BASE-T; PoE / PoE+ / PoE++ compatible
Durability	≥750 insertion cycles; contact resistance ≤20mΩ
Dimensions	22.4 × 11.6 × 8.0mm (0.88" × 0.46" × 0.31")
Standards	ANSI/TIA-568.2-D Cat5e, ISO/IEC 11801, FCC Part 68, IEC 60603-7
Certifications	RoHS, REACH, CE, UL; 100% Fluke DSX component tested
Lead Time	7-15 days after logo/packaging approval