

Standard Cat6 & Cat5e Plugs

Custom Logo Cat6 RJ45 Connector UTP Modular Plug 8P8C - OEM Private Label, 3-Prong 50μ" Gold Plated Contacts, 100% Virgin PC Material



Key specifications

Model / Type	Cat6 UTP RJ45 modular plug, 8P8C, two-piece with load bar, 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, boxes, blister packs, master cartons, color tints
Contact Blade	3-prong (tri-fork) insulation displacement contact, staggered layout

Product summary

- **OEM Cat6 UTP 8P8C RJ45 modular plug with custom logo** — laser engraving or mold embossing of your brand name directly on the plug body
- **Full private-label program:** branded PE bags, printed boxes, blister packs, custom colors, and carton design under your own brand
- **True Cat6 performance to 250MHz** — staggered contacts with load bar for Gigabit Ethernet (1000BASE-T) and short-run 10GBASE-T, Fluke DSX verified
- **3-prong (tri-fork) gold plated blades** — phosphor bronze pins, 3μ"-50μ" gold options, ≤20mΩ contact resistance, solid & stranded 23-26AWG
- **100% virgin PC (polycarbonate) housing** — crystal clear, UL 94V-2 flame retardant, no recycled resin, sharp logo definition
- **Brand-friendly MOQ from 10,000 pcs**, free logo mockup, 7-15 day lead time, RoHS/REACH/CE, 50M+ pcs monthly capacity

Product page:

<https://www.cnplugs.com/product/custom-logo-cat6-utp-rj45-connector-oem-plug/>

Category: Standard Cat6 & Cat5e Plugs

Contact & technical support

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Product details

Custom Logo Cat6 UTP RJ45 Connector - OEM Private Label 3-Prong Gold Plated Modular Plug

The custom logo Cat6 unshielded RJ45 modular plug from PROUNTA lets network brands, cable manufacturers, and national distributors sell connectors under their own name — without owning a factory. Your logo is applied by precision laser engraving or in-mold embossing directly on the plug body, and the entire packaging chain — PE bags, inner boxes, blister packs, and master cartons — is printed to your brand guidelines. Underneath the branding sits a genuine Category 6 connector: staggered gold plated contacts, an insert load bar, and a housing molded from 100% virgin polycarbonate, delivering certified performance to 250MHz over [Category 6 cable](#) for Gigabit [Ethernet](#) and short-run 10GBASE-T networks.

PROUNTA is a factory-direct RJ45 connector manufacturer with in-house pin stamping, nickel/gold electroplating, injection molding, laser marking, and 100% Fluke DSX component testing. That vertical integration is what makes reliable private-label supply possible: one facility, one quality system, one accountable partner for your brand.

Two Ways to Put Your Logo on the Plug

Genuine Cat6 Electricals Behind the Brand

A logo only builds your brand if the product behind it performs. This plug uses the industry-standard two-piece Cat6 architecture: conductors thread through a load bar that stages them in a staggered high/low pattern, controlling near-end crosstalk (NEXT) and return loss at the termination point — the parameters where low-cost "Cat6" plugs fail Fluke certification and generate warranty claims against your name. Contact blades are stamped from high-elasticity phosphor bronze, nickel underplated, then finished in hard gold from 3μ" to 50μ". The 3-prong (tri-fork) design drives three staggered tines through the insulation into the copper core, giving redundant contact points, ≤20mΩ contact resistance, and dependable crimps on both solid and stranded 23-26AWG conductors — including sustained PoE/PoE+ loads.

100% Virgin PC Housing - Sharp Logos, Zero Recycled Resin

Logo definition depends on material quality. This connector is molded exclusively from 100% virgin polycarbonate (Teijin/Covestro grade): the crystal-clear, bubble-free surface takes laser marking with crisp edges, resists cracking and whitening under crimp pressure, and keeps the latch flexible through repeated insertions. The housing is UL 94V-2 flame retardant and holds ±0.05mm dimensional tolerance, so every branded plug seats perfectly in standard RJ45 jacks, keystones, and patch panels. Recycled-resin plugs, by contrast, produce blurry marks, cloudy bodies, and brittle latches — risks no brand owner should take.

Who Orders Custom Logo Cat6 Plugs?

This OEM program serves cable and connectivity brands adding connectors to their catalog, national distributors building house brands, patch cord factories whose end customers require branded components, and system integrators standardizing branded consumables across projects. Because the plug follows the universal 8P8C [modular connector](#) geometry, your branded product inter-mates with every standard RJ45 jack and remains backward compatible with Cat5e installations.

How the OEM Process Works

Q2: Will the logo wear off or affect performance?

No. Laser marks are permanent surface alterations, and embossed logos are part of the molded body. Neither method touches the contact zone, latch, or critical dimensions, and every branded batch still passes 100% Fluke DSX component testing.

Q3: Can you match our brand's packaging exactly?

Yes. We print PE bags, header cards, boxes, and cartons to your artwork, including barcodes, multilingual labels, and regional compliance marks. Housing color tints are also available for full brand differentiation.

Q4: How do I protect my brand from quality problems?

Every batch is traceable to plating records and Fluke test reports shipped with the goods. We sign OEM confidentiality agreements and never resell customer-branded designs or artwork to third parties.

Q5: Can I get branded samples before committing to mass production?

Yes. After the free digital mockup, we produce physical pre-production samples with your logo for approval. Unbranded engineering samples of the base connector are free for qualified B2B buyers.

Technical specifications

Specification	Published value
Model / Type	Cat6 UTP RJ45 modular plug, 8P8C, two-piece with load bar, 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, boxes, blister packs, master cartons, color tints
Contact Blade	3-prong (tri-fork) insulation displacement contact, staggered layout
Pin Material	Phosphor bronze, nickel underplated
Gold Plating	3μ" / 6μ" / 15μ" / 30μ" / 50μ" optional
Housing Material	Transparent polycarbonate (PC)
Compatible Cable	Cat6 UTP, solid or stranded, 23-26AWG; wire OD 0.85-1.05mm, jacket ≤6.5mm
Frequency / Application	250MHz; 1000BASE-T, 10GBASE-T (short run), PoE / PoE+ (IEEE 802.3af/at)
Durability	≥750 insertion cycles; contact resistance ≤20mΩ
Standards	ANSI/TIA-568.2-D Cat6, 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