

RJ11 Plugs (4P4C / 6P4C)

6P4C RJ11 Telephone Plug | Gold Contacts, Transparent PC, OEM Bulk



Key specifications

Interface	6-position, 4-contact (6P4C) male modular plug
Common name	RJ11 (4-conductor loaded)
Housing	Transparent polycarbonate
Contacts	4 gold-plated blades (center positions)

Product summary

- Clear 6P4C RJ11 male modular plug — four gold contacts in a six-position telephone housing
- Gold-plated blades for POTS, ADSL/VDSL modem leads, fax, and alarm communicator cords
- Transparent polycarbonate body so operators can check conductor seating before crimp
- IDC crimp for typical 26–28 AWG flat 4-conductor telephone cable
- Unshielded voice-grade telephone plug — not an 8P8C Ethernet plug
- Standard 6P nose fits RJ11 wall jacks and modem ports
- Bulk OEM packing for cord factories, security OEMs, and MRO bins
- Gold thickness, unused-position fillers, and bag count on request

Product page:

<https://www.cnplugs.com/product/rj11-6p4c-gold-plated-telephone-modular-plug/>

Category: RJ11 Plugs (4P4C / 6P4C)

Contact & technical support

Email	austin@cnplugs.com
Call / WhatsApp	+86 134 2850 9915
Business hours	Monday–Saturday, 08:30–18:00 (UTC+8)
Contact page	www.cnplugs.com/contact-us/

Product details

Clear RJ11 6P4C modular plug with four gold contacts

This part is a transparent 6-position, 4-contact telephone modular plug — the telephone plug on a flat phone cord. Four gold blades sit in the center of a six-position nose so the plug still mates an RJ11 jack while only four conductors are loaded. It is not an 8P8C Cat5e/Cat6/Cat7 Ethernet plug and not a 4P4C handset (RJ9 / RJ10 / RJ22) plug. Cord plants, security-panel OEMs, and telecom MRO buyers use it to terminate 4-wire flat station cable for analog phones, ADSL/VDSL modem tails, fax machines, and alarm communicators.

Procurement teams searching for an RJ11 6P4C plug, a gold-plated telephone plug, or a 4-pin modular phone connector will specify this SKU instead of an 8P8C network plug. For Ethernet work see our [RJ45 8P8C modular plugs](#). For handset curly-cord ends see [RJ9 4P4C plugs](#). For shielded 10G heads see [Cat7 STP RJ45 plugs](#).

Why 6P4C, not 6P2C or 8P8C

A six-position housing is the RJ11 face used on wall plates and modem jacks. Loading four contacts (6P4C) carries tip/ring plus a second pair for data, guest line, or alarm. 6P2C loads only the center pair for a single analog line. 6P6C (RJ12) loads all six for key-system or some PBX leads. Do not put this 4-contact plug on a Cat6 data channel: the geometry is telephone, the gold count is four, and there is no pair separator for 250 MHz.

The interface belongs to the [registered jack](#) family. RJ11 in the field usually means a 6P2C or 6P4C [modular connector](#). The clear polycarbonate body lets incoming QC see that all four conductors reached the gold blades before the tool closes. Unused outer positions on a 6P housing may ship empty or with plastic fillers — the small clear chips in the photos are typical unused-cavity or runner pieces from a 6P tool, not a second connector type.

Gold blades, flat cable, and the right die

Contacts are gold over nickel on copper alloy or phosphor bronze, usually a 2- or 3-prong IDC so both solid and stranded 26–28 AWG telephone wire holds after crimp. Use flat 4-conductor station cable (26 AWG is the usual OEM spec). A 6P modular crimp die is required; an 8P8C Ethernet tool will crush the smaller nose. Latch up, gold facing the operator, T/R on the center two positions unless the modem manual says otherwise.

This plug is unshielded and voice / low-speed data class. Typical ratings in this family: about 1.5 A / 125 VAC signal, contact resistance in the tens of milliohms, 750 mating cycles, indoor –10 °C to +60 °C. Do not specify it for PoE or 10G. Outdoor or wet drops need a different enclosure, not a thicker gold flash.

Where buyers use 6P4C telephone plugs

Telephone handset-to-wall is often 4P4C at the handset and 6P4C at the wall. This SKU is the wall / modem / alarm end. Typical jobs: factory phone-cord lines, ADSL modem pigtails, fax and POS analog ports, fire-alarm communicator leads, and spare bags for building MRO. Indoor dry commercial is the default.

How to write the PO

State: RJ11 6P4C modular plug, gold plated, clear PC, 4 contacts. Do not write “RJ45” or “Cat6 telephone plug.”

Those are 8P8C and will not fit a 6P die or a phone jack correctly.

Technical specifications

Specification	Published value
Interface	6-position, 4-contact (6P4C) male modular plug
Common name	RJ11 (4-conductor loaded)
Housing	Transparent polycarbonate
Contacts	4 gold-plated blades (center positions)
Shielding	Unshielded
Termination	IDC crimp, 6P die
Wire (typical)	26-28 AWG, flat 4-conductor telephone cable
Duty	POTS, ADSL/VDSL modem, fax, alarm communicator
Not for	8P8C Ethernet / Cat5e-Cat8; 4P4C handset unless specified
Electrical class (typical)	1.5 A / 125 VAC signal; ≥ 750 mating cycles
OEM / ODM	Gold thickness, 6P2C / 6P6C siblings, fillers, bag qty