

## Modular Strain-Relief Boots

# RJ45 Strain Relief Boots Manufacturer - Cat5e Cat6 Colors

**Key specifications**

|                                 |                                              |
|---------------------------------|----------------------------------------------|
| <b>Product type</b>             | RJ45 strain relief boot / modular plug cover |
| <b>Primary cable categories</b> | Cat5e and Cat6 Ethernet patch cable          |
| <b>Compatible plug format</b>   | Standard RJ45-style 8P8C male modular plug   |
| <b>Material</b>                 | Flexible PVC with rubber-like feel           |

## Product summary

- **Protects RJ45 terminations:** Flexible cable boot supports the cable-to-plug transition and reduces repeated bending, pulling and vibration.
- **Snagless latch cover:** Molded hood shields the RJ45 locking tab from catching on racks, cable bundles and installation edges.
- **Cat5e and Cat6 compatibility:** Designed for standard 8P8C modular plugs and round Ethernet cables; multiple sizes cover common 5.5–7.0mm cable ODs.
- **Flexible PVC construction:** Durable, rubber-like material is easy to slide onto cable and remains flexible during normal patch-cord use.
- **Multiple colors:** Black, white, gray, blue, green, yellow, red and transparent options simplify cable identification and network organization.
- **Professional cable finish:** Covers the rear of the modular plug and creates a clean, consistent appearance for custom patch-cord assemblies.
- **Easy pre-crimp installation:** Slide the boot onto the cable before terminating the RJ45 plug; no adhesive or heat-shrink process is required.
- **Factory-direct OEM/ODM:** PROUNTA supplies bulk packs, custom colors, molded branding and private-label packaging for distributors and cable manufacturers.

**Product page:**

<https://www.cnplugs.com/product/rj45-strain-relief-boots-cat5e-cat6/>

**Category:** Modular Strain-Relief Boots

## Contact & technical support

|                        |                                                                              |
|------------------------|------------------------------------------------------------------------------|
| <b>Email</b>           | <a href="mailto:austin@cnplugs.com">austin@cnplugs.com</a>                   |
| <b>Call / WhatsApp</b> | <a href="tel:+8613428509915">+86 134 2850 9915</a>                           |
| <b>Business hours</b>  | Monday–Saturday, 08:30–18:00 (UTC+8)                                         |
| <b>Contact page</b>    | <a href="http://www.cnplugs.com/contact-us/">www.cnplugs.com/contact-us/</a> |

## Product details

# RJ45 Strain Relief Boots Manufacturer for Color-Coded Cat5e and Cat6 Cables

PROUNTA manufactures colorful RJ45 strain relief boots for patch-cord factories, networking brands, distributors and installers. Also called connector boots, modular plug covers or cable boots, they fit behind an 8P8C plug to reinforce the cable transition. A molded hood protects the latch from snagging, while the tapered body controls bending and provides a professional finish.

The standard boot is flexible PVC with a rubber-like feel. Multiple cable-entry sizes and colors are available for Cat5e and Cat6 round cable. Select by actual cable OD and plug shape rather than category name alone.

## Reduce Bending Stress and Protect the RJ45 Latch

The cable exit behind a plug carries concentrated stress when a patch cord is bent or pulled. A correctly sized boot creates a gradual transition between the rigid connector and flexible jacket, limiting sharp bends and jacket movement. Its hood protects the release tab from catching on cables, panels or rack openings.

RJ45 boots are mechanical accessories, not replacements for correct crimping or testing. They are not waterproof and do not create an IP rating.

## Color Coding for Faster Cable Management

Colored boots identify cable functions at a glance: for example, blue for data, red for security and green for VoIP. Standard options include black, white, gray, blue, green, yellow, red and transparent. Pantone matching is available for qualified OEM orders.

## How to Select the Correct RJ45 Cable Boot

Measure the cable jacket. An undersized boot may be difficult to install; an oversized boot provides poor support. Cat5e commonly uses smaller entries, while thicker Cat6 cable may need 6.0mm, 6.5mm or 7.0mm sizes.

Also verify plug body and latch shape. Oversized shielded or tool-free connectors may require dedicated boots. Compare PROUNTA's [Cat5e and Cat6 modular plugs](#) and [pass-through connectors](#). See Wikipedia's [modular connector](#) article for format details.

## Installation Instructions

1. Confirm the boot fits the cable OD and plug body.
2. Slide its narrow end onto the unterminated cable.
3. Prepare the cable while keeping the boot behind the work area.
4. Arrange the conductors and crimp the modular plug.
5. Test the completed termination.
6. Slide the boot forward until it seats and covers the latch.
7. Confirm the tab operates and the cable bends smoothly.

Install the boot before crimping. View available sizes in the [RJ45 strain relief boot range](#).

## Applications and OEM Supply

Applications include patch-cord production, office LANs, data centers, schools, hotels, CCTV, VoIP and building automation. Boots provide snagless protection and color identification but do not determine Ethernet speed. See Wikipedia's [Category 6 cable](#) overview.

PROUNTA supports bulk buyers with material selection, color matching, molding, inspection and packaging. OEM/ODM options include custom hardness, finish, logo, bag quantity, labels, retail cards and cartons. Compare components in the [RJ45 connector catalog](#) and submit samples or drawings for fit verification.

## Source Colorful RJ45 Strain Relief Boots from PROUNTA

PROUNTA helps distributors, patch-cord factories and cabling brands verify boot dimensions, flexibility, latch protection and color consistency. Approve samples before ordering standard bulk or private-label production for reliable network installation, cable assembly and private-label resale programs across diverse global markets.

### Technical specifications

| Specification                       | Published value                                                   |
|-------------------------------------|-------------------------------------------------------------------|
| <b>Product type</b>                 | RJ45 strain relief boot / modular plug cover                      |
| <b>Primary cable categories</b>     | Cat5e and Cat6 Ethernet patch cable                               |
| <b>Compatible plug format</b>       | Standard RJ45-style 8P8C male modular plug                        |
| <b>Material</b>                     | Flexible PVC with rubber-like feel                                |
| <b>Design</b>                       | Slip-on tapered boot with snagless latch hood                     |
| <b>Cable outer diameter options</b> | Approx. 5.5mm, 6.0mm, 6.5mm and 7.0mm; model dependent            |
| <b>Typical cable construction</b>   | Round U/UTP patch cable; confirm FTP/STP fit separately           |
| <b>Typical conductor range</b>      | 23–26 AWG depending on cable jacket construction                  |
| <b>Standard colors</b>              | Black, white, gray, blue, green, yellow, red and transparent      |
| <b>Custom colors</b>                | Pantone color matching available for qualified quantities         |
| <b>Installation</b>                 | Slide onto cable before crimping the modular plug                 |
| <b>Adhesive required</b>            | No                                                                |
| <b>Repositionable</b>               | Yes, when connector and cable dimensions permit                   |
| <b>Standard packaging</b>           | 100 pieces per bag; other bulk or retail packaging available      |
| <b>Environmental options</b>        | RoHS/REACH-compliant material available; documentation on request |
| <b>OEM/ODM service</b>              | Custom color, hardness, tooling, logo and private-label packaging |