

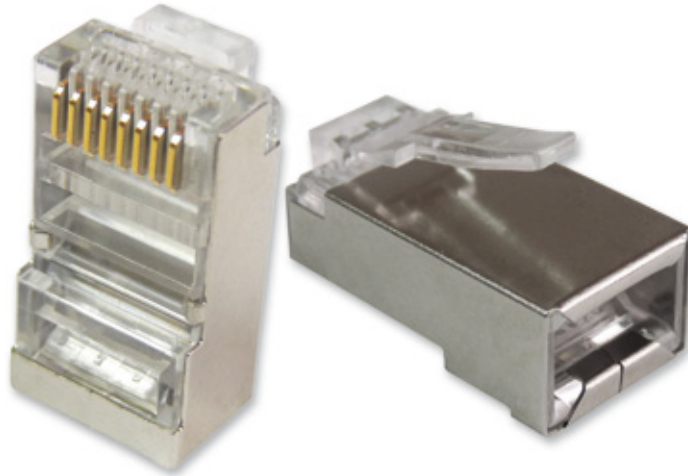
## LP-RJ458P8CCEFS

**RJ45 8P8C One Part CAT 5e Fully Shielded Plug with Gold-Plated Contacts with Two Straight Prongs for AWG 23-26 Stranded Wire Conductors.**

LPRJ458P8CCEFS\_SS\_ENB01W

**Features**

- 8P8C head style (8 positions, 8 contacts).
- Fully shielded for shielded/braided cables.
- CAT 5e standards compliance.
- Extremely high quality module plugs.
- Compatible with stranded wire.
- These plugs also support telephone applications at home or office cabling systems.
- Suitable also for telephone cable patch cords.
- Straight gold-plated two prong contacts with 50 micro-inches of gold over 50 micro-inches of nickel pierce the stranded wire in the center without breaking itself or the wire. This makes a better performance, higher signal strength, and the corresponding better data transmission characteristics.



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**with Gold-Plated Contacts with Two Straight Prongs**  
**for AWG 23-26 Stranded Wire Conductors.**

The RJ45 8P8C one part CAT 5e fully shielded plug with gold-plated contacts with two straight prongs for AWG 23-26 stranded wire conductors is mainly used for making flexible shielded/braided cable patch cords with stranded wires that serve the purpose of interconnection of Structured Cabling Systems based on the FTP CAT 5e category standard.

This plug has 8 contacts and is compatible with the 568-A and 568-B wiring schemes. This connector can be used also in telephony applications and is able to carry up to 4 telephone pairs enabling the possibility for the telephone PABX apparatus to have up to four lines connected to the telephone company.

These plugs allow field preparation using solid AWG 26 to AWG 23 stranded conductors. With a gold-plated surface contact thickness of 50 micro-inches, it assures long life and a high degree of resistance against corrosion and environmental hazards.

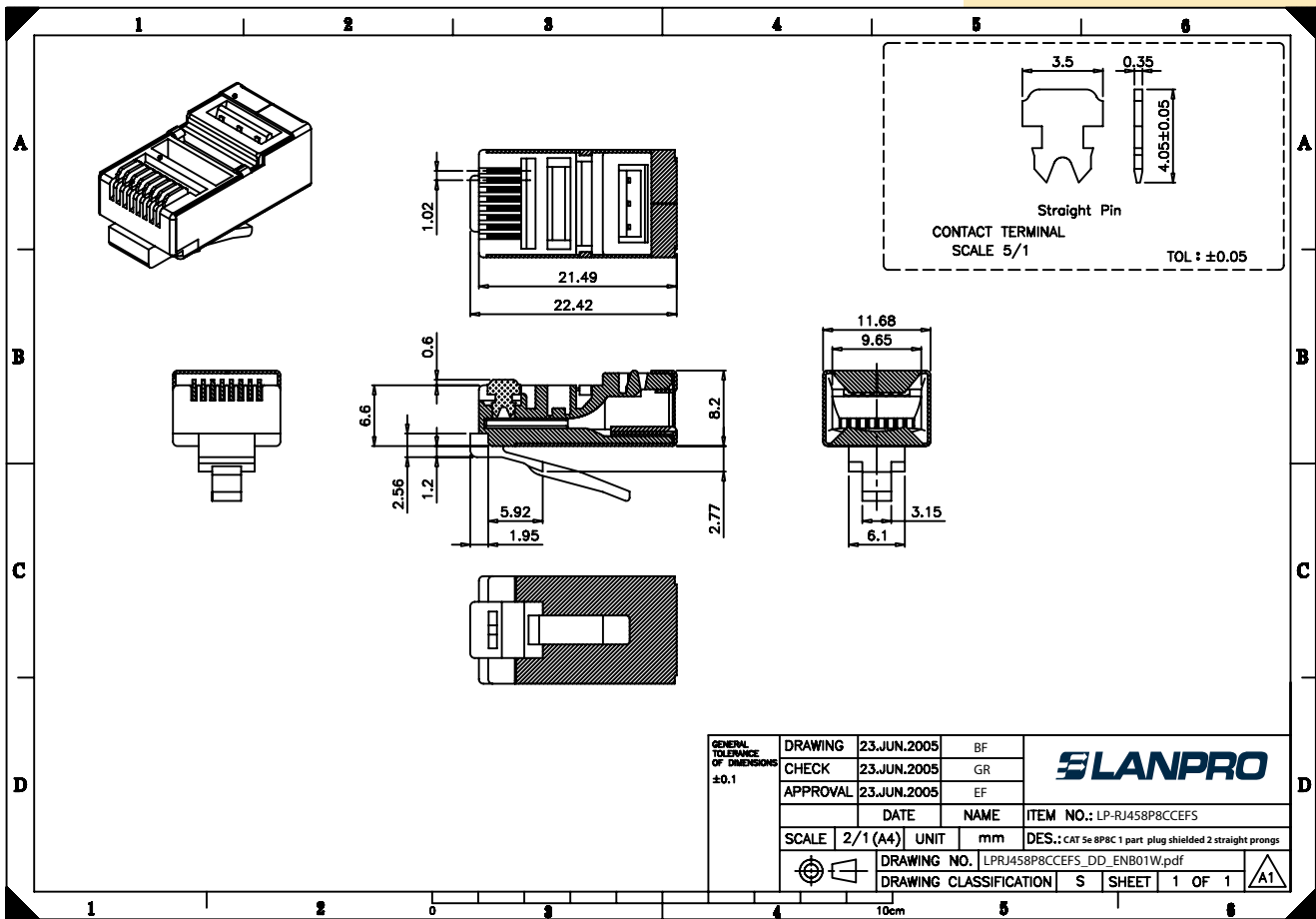
Based on international standards like the ISO/IEC 11801, TIA 568 and EB50173, LanPro RJ45 plugs provide long life span for your structured cabling installations. Even though LanPro does not recommend the by-hand field termination, mostly due to problems with repeatability and certification to stringent specs, the experienced and careful user can reach good and certifiable terminations.

Automatic factory-made terminations are recommended and encouraged by using standard-sized patch cords, also manufactured by LanPro on a variety of colors.

**A Specifications**

<b>Material:</b>
1.- Housing: Polycarbonate, UL 94V-2, transparent color.
2.- Contact terminal: Phosphor bronze. Finish: 50 micro-inches gold plating over 50 micro-inches nickel-plated on contact area.
3.- Two straight prongs specially made for better contact with stranded wires.
<b>Electrical:</b>
1.- Applications: 150 VAC max. @ 15A @ 25°C, derate to 2A @ 70°C.
2.- Dielectric withstand voltage: 1000 VAC.
3.- Insulation resistance: 500 MΩ.
<b>Performance:</b>
1.- Operating temperature: -40°C to 80°C.
2.- Cable plug tensile strength: 7.7 Kg.
3.- Used for AWG 23-26 stranded wires.
4.- Durability: 750 mating cycles.
<b>Standards Compliance:</b>
1.- TIA-568A and TIA-568B
2.- IEC 60603-7
3.- 100 MHz Ethernet

**B Dimensional Drawing**



**C How to order**

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*LanPro is continuously improving its products and reserves the right to change specifications and availability without prior notice.*