

## LP-RJ458P8CC6US11 RJ45 8P8C One Part CAT 6 Unshielded Plug with Gold-Plated Contacts with Three Slanted Prongs for AWG 23-26 Solid Wire Conductors

LPRJ458P8CC6US11\_SS\_ENB01W

### Features

- 8P8C head style (8 positions, 8 contacts).
- CAT 6 standards compliance.
- Extremely high quality module plugs.
- Compatible with AWG 23 to 26 solid wire.

These plugs also support telephone applications at home or office cabling systems.

- Slanted gold-plated two prong contacts with 50 micro-inches of gold over 50 micro-inches of nickel pierce the solid wire laterally without breaking it or the contact, making it for better performance, higher signal strength, and the corresponding better data transmission characteristics.



### LP-RJ458P8CC6US11 RJ45 8P8C One Part CAT 6 Unshielded Plug with Gold-Plated Contacts with Three Slanted Prongs for AWG 23-26 Solid Wire Conductors

The LP-RJ458P8CC6US11 RJ45 8P8C one part CAT 5e unshielded plug with goldplated contacts with three slanted prongs for AWG 23-26 solid wire conductors is mainly used for making cable patch cords with solid wires that serve the purpose of interconnection of Structured Cabling Systems based on the UTP CAT 6 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 23 to AWG 26 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**

**Material:**

Housing: Polycarbonate, UL 94V-2, transparent color.

Contact terminal: Phosphor bronze. Finish: 50 micro-inches gold plating over 50 micro-inches nickel-plated on contact area.

**Electrical:**

Applications: 150 VAC max. @ 15A @ 25°C, derate to 2A @ 70°C.

Dielectric withstand voltage: 1000 VAC.

Insulation resistance: 500 MΩ.

**Performance:**

Operating temperature: -40°C to 80°C.

Cable plug tensile strength: 7.7 Kg.

Used for AWG 23-26 solid wires.

Durability: 750 mating cycles.

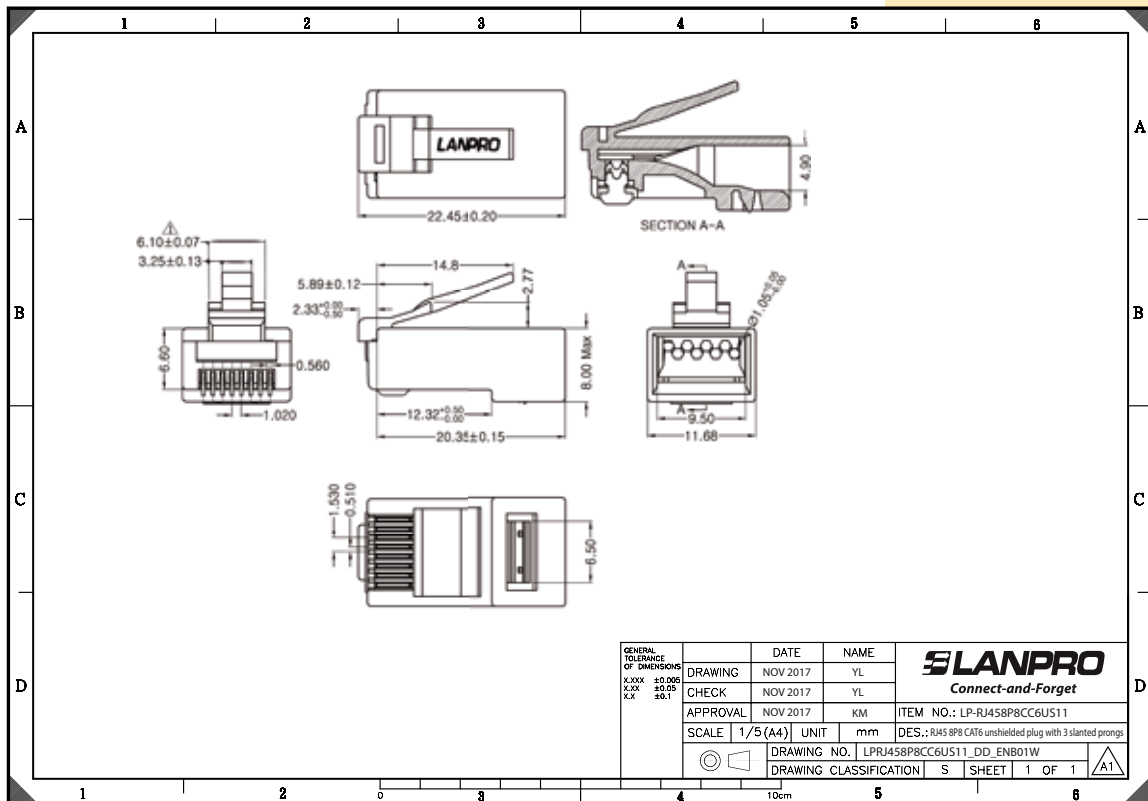
**Standards Compliance:**

TIA 568-A and TIA 568-B.

IEC 60603-7.

250 MHz Ethernet.

**B Dimensional Drawing**



**C How to order**

**LP-RJ458P8CC6US11 RJ45 8P8C one part CAT 6 Unshielded Plug with gold-plated contacts with three slanted prongs for AWG 23-26 solid wire conductors.**