

LP-RJ458P8CC6US3

RJ45 8P8C Three Part CAT 6 Unshielded Plug with Gold-Plated Contacts with Two Straight Prongs for AWG 23-26 Stranded Wire Conductors.

LPRJ458P8CC6US3_SS_ENB01W

Features

- 8P8C head style (8 positions, 8 contacts).
- Three part plug for better wire symmetry and certification performance.
- CAT 6 standards compliance for Gigabit Ethernet.
- 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 conductor centrally without breaking itself or the wires, making it for better performance, higher signal strength, and the corresponding better data transmission characteristics.



LP-RJ458P8CC6US3
RJ45 8P8C Three Part CAT 6 Unshielded Plug with Gold-Plated Contacts with Two Straight Prongs for AWG 23-26 Stranded Wire Conductors.

The LPRJ458P8CC6US3 RJ45 8P8C three part CAT 6 unshielded plug with gold-plated contacts with two straight prongs for AWG 23-26 stranded wire conductors is mainly used for making flexible cable patch cords with stranded 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 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.

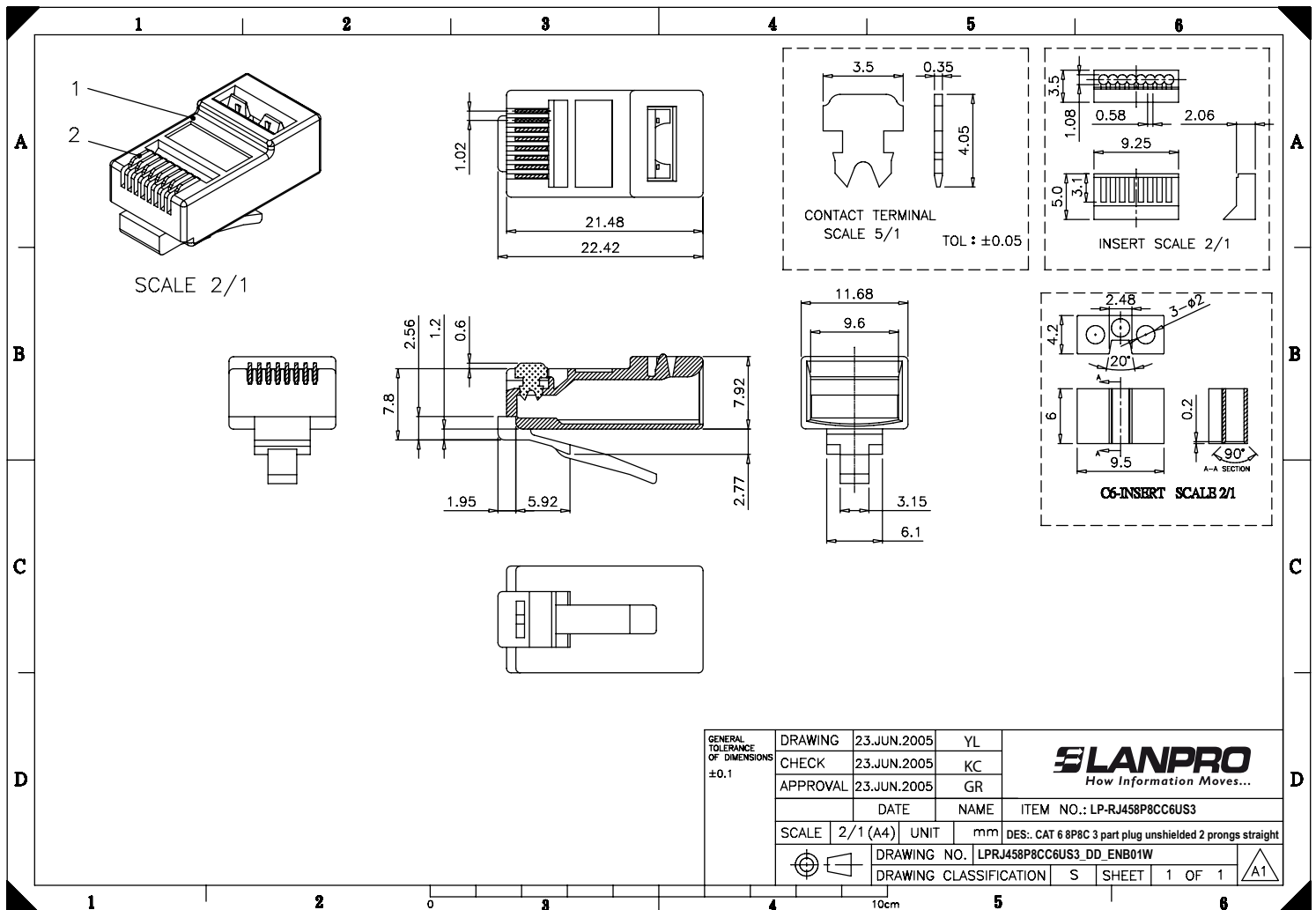
Even though LanPro does not recommend the by-hand field termination, mostly due to problems with repeatability and certification to stringent specs, the experienced and careful user can reach good and certifiable terminations.

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

Material	<ol style="list-style-type: none"> 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 for making better contact with stranded wire conductor.
Electrical	<ol style="list-style-type: none"> 1. Applications: 150 VAC max. @ 15A @ 25°C, derate to 2A @ 70°C. 2. Dielectric withstand voltage: 1000 VAC. 3. Insulation resistance: 500 MΩ.
Performance	<ol style="list-style-type: none"> 1. Operating temperature: -40°C to 80°C. 2. Cable-plug tensile strength: 7.7 Kg. 3. Used for AWG 23-26 solid wires. 4. Durability: 750 mating cycles.
Standards Compliance	<ol style="list-style-type: none"> 1. TIA 568-A and TIA 568-B. 2. IEC 60603-7. 3. 100 MHz Ethernet.

B Dimensional Drawing



C How to Order

LP-RJ458P8CC6US3 RJ45 8P8C three-part CAT 6 Unshielded Plug with gold-plated contacts with two straight prongs for AWG 23-26 stranded wire conductors.