

General Description

This high quality 3 pin panel mount XLR socket features a round plastic shell constructed from PA-6 glass fibre reinforced material, providing outstanding mechanical strength, dimensional stability, and long-term durability. Designed with right-angle pins for direct PCB mounting, it offers a compact and reliable interconnect solution for space-constrained applications.

The connector incorporates a push button locking mechanism to ensure a secure and stable mating connection. The precision machined phosphor bronze contacts are silver-plated to deliver superior conductivity, enhanced corrosion resistance, and an extended service life. Ideal for professional audio, broadcast, and industrial signal transmission systems.

Key Features:

- 3-pin XLR socket (female), panel-mount type
- Durable PA-6 glass fibre reinforced plastic shell
- Right-angle pins for direct PCB mounting
- Push-button locking mechanism for secure connection
- Precision-machined phosphor bronze contacts with silver plating
- Grounded Pin 1 for additional signal protection

Electrical

Current Rating	6A
Dielectric Withstanding Voltage	1500V DC
Contact Resistance	<5mΩ
Insulation Resistance	>1GΩ

Processing

Temperature	-30°C to +80°C
Push Button	Yes
AWG	N/A

Environmental

Insertion Force	≤20N
Mating Cycles	>1000

Materials

Centre Pins	PhosBronze/Silver
Body	PA-66 Glass Reinforced Nylon

