

General Description

This high quality 3 pin panel mount XLR plug features a square die cast shell constructed from zinc alloy and then finished with a nickel plating, providing outstanding strength, dimensional stability, and long term durability. Designed with straight 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 nickel 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
- Die cast zinc alloy with nickel plating shell
- Straight pins for direct PCB mounting
- Push-button locking mechanism for secure connection
- Precision-machined phosphor bronze contacts with nickel plating
- Excellent electrical performance and corrosion resistance

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	24 AWG

Environmental

Insertion Force	≤20N
Mating Cycles	>1000

Materials

Centre Pins	PhosBronze/Nickel
Body	Zinc/Nickel

