

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 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 gold plated to deliver superior conductivity, enhanced corrosion resistance, and an extended service life. This connector has an addition of a grounding to the chassis on pin 1 for extra protection. 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
- Straight pins for direct PCB mounting
- Push-button locking mechanism for secure connection
- Precision-machined phosphor bronze contacts with gold plating
- Grounded pin 1 to chassis for extra 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/Gold
Body	PA-66 Glass Reinforced Nylon

