

## 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 gold 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 gold 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         | N/A            |



## Environmental

|                 |       |
|-----------------|-------|
| Insertion Force | ≤20N  |
| Mating Cycles   | >1000 |

## Materials

|             |                              |
|-------------|------------------------------|
| Centre Pins | PhosBronze/Gold              |
| Body        | PA-66 Glass Reinforced Nylon |

