

## General Description

This high quality 3 pin panel mount XLR socket features a square plastic shell constructed from PA-6 glass fibre reinforced material, providing outstanding strength, dimensional stability, and long term durability. Designed with rear solder buckets for convenient cable termination, it offers a compact and flexible interconnect solution suitable for a wide range of applications.

The precision machined contacts are manufactured with a phosphor bronze interface with brass rear solder bucket which is entirely gold plated to ensure excellent conductivity, corrosion resistance, and extended service life. This connector is ideal for professional audio, broadcast, and industrial signal transmission environments.

### Key Features:

- 3-pin XLR socket (female), panel-mount type
- Durable PA-6 glass fibre reinforced plastic shell
- Rear solder buckets for easy cable wiring
- Precision-machined phosphor bronze and brass 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 | No             |
| AWG         | 24 to 26 AWG   |

## Environmental

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

## Materials

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

