

General Description

This high quality panel mounted XLR socket, is available in 3, 4 or 5 pin configuration and features a rectangular 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 rear solder tags for convenient cable termination, it offers a compact and flexible interconnect solution suitable for a wide range of applications.

The precision machined phosphor bronze contacts are nickel plated to deliver superior conductivity, corrosion resistance, and a long service life. The shell also features a grounding pin for additional protective shielding for signal integrity. Ideal for professional audio, broadcast, and industrial signal applications.



Key Features:

- 3 to 5 pin XLR socket (female), panel-mount type
- Die cast zinc alloy with nickel plated shell
- Straight pins for PCB mounting
- Precision-machined phosphor bronze contacts with nickel plating
- Excellent electrical performance and corrosion resistance

Electrical

| | |
|---------------------------------|----------------------------------|
| Current Rating | 6A (3 and 4 Pins) 3A (5 Pins) |
| Dielectric Withstanding Voltage | 1500V DC |
| Contact Resistance | <5mΩ |
| Insulation Resistance | >1GΩ |

Environmental

| | |
|-----------------|--------|
| Insertion Force | ≤20N |
| Mating Cycles | >10000 |

Materials

| | |
|-------------|-------------------|
| Centre Pins | Phosbronze/Nickel |
| Body | Zinc/Nickel |

Processing

| | |
|-------------|----------------|
| Temperature | -30°C to +80°C |
| Push Button | No |
| AWG | 24 AWG |

Available in different pin variations:

AXRS-3S-ZNDNB – 3 Pin

AXRS-4S-ZNDNB - 4 Pin

AXRS-5S-ZNDNB – 5 Pin

