

General Description

Fully compliant with IEC 61076-2-103, the AXCS Series connectors deliver exceptional electrical performance and long-term reliability in demanding professional environments. Designed for use in microphone, audio, and A/V equipment wiring, these high quality cable mounted sockets ensure consistent performance and robust mechanical integrity.

The connector body is manufactured from precision die cast zinc alloy, lathe finished for a smooth surface, and nickel plated for durability and an attractive appearance. A high strength, temperature resistant PBT insulator provides excellent electrical insulation and high voltage resistance.

Each connector features a lock ring that can be securely screwed in place, ensuring a stable connection during operation. The contact pins, made from phosphor bronze and gold plated, offer superior conductivity and extended mating life. A plastic gland and cable clamp support cable diameters up to 4.7 mm, providing effective strain relief and long term cable protection.



Electrical

Current Rating	3 Pin - 16A 4 and 5 Pin - 10A
Dielectric Withstanding Voltage	1500V DC
Contact Resistance	<3mΩ
Insulation Resistance	>2GΩ
Capatitance between contacts	3 Pin - ≤4Pf, 4 and 5 Pin - ≤7Pf

Environmental

Insertion Force	≤20N
Mating Cycles	>1000

Materials

Centre Pins	PhosBronze/Gold
Metal Parts	Zinc/Nickel

Processing

Cable OD	4.7mm
AWG	3 Pin - 2.5mm/14AWG, 4 Pin - 1.5mm/16AWG 5 Pin - 1.0mm/18AWG

Available in different pin variations :

AXCS-3S-ZNPG1-BI – 3 Pin

AXCS-3S-ZNPG1-BI – 4 Pin

AXCS-3S-ZNPG1-BI – 5 Pin

