

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 before a black paint finish provides attractive surface finish. A high-strength, temperature resistant PBT insulator provides excellent electrical insulation and high voltage resistance.

The contact pins are produced from phosphor bronze and nickel plated to ensure efficient conductivity and extended mating life. Plastic gland and cable clamps accommodate cable diameters between 7 to 8.5mm, providing secure strain relief during installation.



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/Nickel
Metal Parts	Zinc/Black Painted

Processing

Cable OD	7.0 to 8.5mm
AWG	3 Pin - 2.5mm/14AWG, 4 Pin - 1.5mm/16AWG 5 Pin - 1.0mm/18AWG

Available in different pin variations :

AXCS-3S-ZPPN5-B – 3 Pin

AXCS-4S-ZPPN5-B – 4 Pin

AXCS-5S-ZPPN5-B – 5 Pin

