

General Description

This high quality cable mounted socket is designed for professional microphone and audio-visual equipment wiring. Fully compliant with IEC 61076-2-103, it delivers outstanding electrical performance and long term reliability in demanding environments.

The connector body is manufactured from precision die cast zinc alloy, lathe finished for consistency, and nickel plated to ensure durability and an 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 plated in nickel to ensure efficient conductivity and extended mating life. Metal gland and PVC strain relief accommodate cable diameters up to 4.7mm, providing a secure installation.



Electrical

Current Rating	3 Pin - 16A 4 and 5 Pin - 10A
Dielectric Withstanding Voltage	1500V DC
Contact Resistance	<3mΩ
Insulation Resistance	>2GΩ
Capacitance 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/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-ZBPN1-B - 3 Pin
 AXCS-4S-ZBPN1-B - 4 Pin
 AXCS-5S-ZBPN1-B - 5 Pin

