

### 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 plugs ensure consistent performance and robust mechanical integrity.

The connector body is manufactured from precision die cast zinc alloy, lathe finished for a smooth finish before 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 tellurium copper and plated in gold to ensure efficient conductivity and extended mating life. Plastic gland and cable clamps accommodate cable diameters up to 4.7mm, 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	TeCu/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-3P-ZNTG1-B - 3 Pin

AXCS-4P-ZNTG1-B - 4 Pin

AXCS-5P-ZNTG1-B - 5 Pin

