

General Description

This high quality cable mounted plug 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 black chrome 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

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|---------------------------------|-------------------------------------|
| 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 | TeCu/Gold |
| Metal Parts | Zinc/Black Chrome |

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-ZNDN3-M – 3 Pin
AXCS-4P-ZNDN3-M – 4 Pin
AXCS-5P-ZNDN3-M – 5 Pin

