



NC5FXX-14-BAG-D

5 pole female cable connector for 8 mm - 10 mm cable O.D. with black metal housing and silver contacts

Special version of the XLR cable connector XX Series for large cable diameters. Incorporating all features of the XX Series.

Bulk packed, to be ordered in multiples of 100.

Features & Benefits

- Unique cage design of female contact for low contact resistance and high integrity
- Female connector with improved solid metal latch which is larger and easier to handle
- Improved chuck type strain relief provides higher pull-out force and makes assembly easier and faster
- Colored rings and boots available for coding or identification
- Rugged zinc diecast shell, longlasting and dependable
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Additional ground spring contacts for better shell ground continuity
- Boot with polyurethane gland gives high protection to cable bending stresses
- Sleek and ergonomic design - valuable and handy
- Internal thread on shell is well protected against any damage

Technical Information

| Product | |
|-----------------|-----------------|
| Title | NC5FXX-14-BAG-D |
| Connection Type | XLR |
| Gender | female |

| Electrical | |
|------------------------------|-----------------------------|
| Capacitance between contacts | ≤ 7 pF |
| Contact resistance | ≤ 3 m Ω |
| Dielectric strength | 1,5 kVdc |
| Insulation resistance | > 10 G Ω (initial) |
| Rated current per contact | 7,5 A |
| Rated voltage | < 50 V |

| Mechanical | |
|-----------------------------|--------------------------|
| Cable O.D. | 8 mm - 10 mm |
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | > 1000 mating cycles |
| Wiresize (mm ²) | max. 1.0 mm ² |
| Wiresize (AWG) | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |

| Material | |
|-----------------|--|
| Boot | Polyurethan |
| Contact plating | 2 µm Ag over 2 µm Ni |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA66) |
| Locking element | Zinc diecast (ZnAl4Cu1) / Ck 67 (spring) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell coating | Black KTL |
| Strain relief | Polyacetal (POM) |

| Environmental | |
|---------------------|---------------------------|
| Flammability | UL 94 V-0 |
| Standard compliance | IEC 61076-2-103 |
| Protection class | IP 40 |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |