



NC5MXX-HD-D

Heavy duty male 5 pole XLR cable connector for outdoor use.

Features & Benefits

- Dust and water ingress sealing according to IP67 in combination with HD cable connector NC5FXX-HD*
- Rubber sealing jacket protects against water ingress and mechanical shock
- Gold contacts

Technical Information

| Product | |
|-----------------|-------------|
| Title | NC5MXX-HD-D |
| Connection Type | XLR |
| Gender | male |

| Electrical | |
|-------------------------------|--|
| Capacitance between contacts | ≤ 7 pF |
| Contact resistance | ≤ 3 m Ω |
| Dielectric strength | 1.5 kVdc |
| Insulation resistance | > 10 G Ω (initial), > 1 G Ω (after damp heat test) |
| Number of electrical contacts | 5 |
| Rated current per contact | 7.5 A |
| Rated voltage | < 50 V ac |

| Mechanical | |
|------------------|--------------------------|
| Cable O.D. | 6.0 - 8.0 mm |
| Insertion force | ≤ 20 N |
| Withdrawal force | ≤ 20 N |
| Lifetime | 1000 mating cycles |
| Wiresize | max. 1.0 mm ² |
| Wiresize | max. 18 AWG |
| Wiring | Solder contacts |
| Locking device | Latch lock |

| Material | |
|-----------------|--|
| Boot | PA / PU |
| Contact plating | 0.2 µm Au hard alloy over 2 µm Ni |
| Contacts | Brass (CuZn39Pb3) |
| Insert | Polyamide (PA 66) |
| Locking element | Zinc diecast (ZnAl4Cu1) / Ck 67 (spring) |
| Shell | Zinc diecast (ZnAl4Cu1) |
| Shell plating | Nickel |
| Strain relief | Polyacetal (POM) |
| Sealing jacket | EPDM |

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