



Product Data Sheet

Neutrik NC6FD-LX

Description



The Neutrik NC6FD-LX is a 6 pole female receptacle with solder cups, nickel housing and silver contacts.

The DLX series features a compact all metal housing with an ingenious duplex ground contact, which offers excellent RF protection and shielding.

| Product | SKU |
|------------------|------------|
| NEUTRIK NC6FD-LX | DA-65-5706 |

Key Benefits

- All metal housing offers best overall RF protection and electromagnetic shielding
- Duplex ground contact for excellent contact integrity between chassis and cable connector
- Female contact incorporates a solder barrier to prevent solder running into the contact mating area
- Larger solder contacts for easier termination
- Optional connection to easily join pin1 to chassis ground
- D-style housing provides installation compatibility with industry standard D mounting dimensions



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Technical Specification

Neutrik NC6FD-LX Specification

| | |
|---|--|
| Connection type: XLR | Mechanical |
| Gender: female | Insertion force: ≤ 20 N |
| Electrical | Withdrawal force: ≤ 20 N |
| Capacitance between contacts: ≤ 7 pF | Lifetime: > 1000 mating cycles |
| Contact resistance: ≤ 5 m Ω | Wiresize max.: 1.0 mm ² , 18 AWG |
| Dielectric strength: 1.5 kVdc | Wiring: Solder contacts |
| Insulation resistance: > 10 G Ω (initial) | Locking device: Latch lock |
| Rated current per contact: 7.5 A | Chassis shape: D |
| Rated voltage: < 50 V | Material |
| Environmental | Contact plating: 2 μ m Ag over 2 μ m Ni |
| Flammability: UL 94 HB | Contacts: Brass (CuZn39Pb3) |
| Standard compliance: IEC 61076-2-103 | Insert: Polyamide (PA 6.6 30 % GR) |
| Protection class: IP 40 | Locking element: Steel Ck67 |
| Solderability: Complies with IEC 68-2-20 | Shell: Zinc diecast (ZnAl4Cu1) |
| Temperature range: -30 °C to +80 °C | Shell plating: Nickel |