



NL4FC

4 pole cable connector, chuck type strain relief

The industry-standard for loudspeaker connections offer extremely reliable and robust cable connectors with a reliable locking system. They feature solid contacts with screw-type terminals including a stranded wire protection which offer also solder termination.

Features & Benefits

- Up to 30 A rms current rating
- Cable strain relief for 6 - 15 mm cable O.D.
- Glass reinforced material for insert and housing, long-lasting and dependable
- Unique Neutrik chuck type strain relief
- Reliable and robust, easy and fast to assemble
- Accurate and dependable twist lock latching system "Quick Lock"
- User friendly latch design for easy handling

Technical Information

| Product | |
|------------------------|---------|
| Title | NL4FC |
| Connection Type | speakON |
| Gender | female |

| Electrical | |
|----------------------------------|---|
| Contact resistance | ≤ 3 mΩ (after lifetime) |
| Dielectric strength | 4 kVdc (peak) |
| Insulation resistance | > 1 GΩ (after dampheat) |
| Rated current per contact | 30 A rms continuous |
| Rated current per contact | 40 A audiosignal, duty cycle 50 % |
| Rated voltage | 250 V ac |
| Attention | speakON is NOT to be used as an AC mains or power supply connector! |

| Mechanical | |
|------------------------|--|
| Cable O.D. | 6 - 15 mm |
| Cable retention | ≥ 220 N (subject to cable O.D. and material) |
| Lifetime | > 5000 mating cycles |
| Wiresize | 4 mm ² |
| Wiresize | 12 AWG |
| Wiring | screw type terminals or soldering |
| Locking device | Quick Lock (latch) |

| Material | |
|------------------------|--------------------------|
| Contact plating | 4 μm Ag |
| Contacts | Brass (CuZn39Pb3) |
| Insert | PBTP 20 % GR |
| Locking element | Zinc diecast (ZnAl4Cu1) |
| Shell | Polyamide (PA 6 30 % GR) |
| Strain relief | Polyacetal (POM) |

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