



NL4FX

*** DISCONTINUED ***

Direct replacement / successor: NL4FXX-W-S (cable O.D. 6 to 12 mm) and NL4FXX-W-L (cable O.D. 10 to 16 mm)

4 pole cable connector, chuck type strain relief, dark grey bushing

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

- Current rating 40 A rms continuous
- Only 3 parts, easy to assemble
- Easy and extremely precise locking system "Quick Lock"
- 1 piece strain relief, chuck for 7 to 14.5 mm cable O.D.
- Improved screw-type termination for highest pull-out force
- Up to 50 A audio signal, duty cycle 50%
- High impact materials - long-lasting and reliable
- Improved grip on latch
- Color coding possible
- Integrated design guarantees "Made by Neutrik®"

Technical Information

| Product | |
|-----------------|---------|
| Title | NL4FX |
| Connection Type | speakON |
| Gender | female |

| Electrical | |
|---------------------------|---|
| Contact resistance | < 2 mΩ (after lifetime) |
| Dielectric strength | 4 kVdc (peak) |
| Insulation resistance | > 1 GΩ (after dampheat) |
| Rated current per contact | 40 A rms continuous |
| Rated current per contact | 50 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. | 7 - 14.5 mm |
| Cable retention | ≥ 220 N (subject to cable O.D. and material) |
| Lifetime | > 5000 mating cycles |
| Wiresize | 4 mm ² / 6 mm ² (screw type terminals/soldering) |
| Wiresize | 12 AWG / 10 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 | PBTP 20 % GR |
| Strain relief | Polyacetal (POM) |

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