



## NL4FRX

\*\*\* DISCONTINUED \*\*\*

4 pole right-angle 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
- Easy to assemble
- Easy and extremely precise locking system "Quick Lock"
- 1 piece strain relief, chuck for 6 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           | NL4FRX  |
| 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 <sup>2</sup> / 6 mm <sup>2</sup> (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          |