



## NL4FX

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	
<b>Title</b>	NL4FX
<b>Connection Type</b>	speakON
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 2 mΩ (after lifetime)
<b>Dielectric strength</b>	4 kVdc (peak)
<b>Insulation resistance</b>	> 1 GΩ (after dampheat)
<b>Rated current per contact</b>	40 A rms continuous
<b>Rated current per contact</b>	50 A audiosignal, duty cycle 50 %
<b>Rated voltage</b>	250 V ac
<b>Attention</b>	speakON is NOT to be used as an AC mains or power supply connector!

Mechanical	
<b>Cable O.D.</b>	7 - 14.5 mm
<b>Cable retention</b>	≥ 220 N (subject to cable O.D. and material)
<b>Lifetime</b>	> 5000 mating cycles
<b>Wiresize</b>	4 mm <sup>2</sup> / 6 mm <sup>2</sup> (screw type terminals/soldering)
<b>Wiresize</b>	12 AWG / 10 AWG
<b>Wiring</b>	screw type terminals or soldering
<b>Locking device</b>	Quick Lock (latch)

<b>Material</b>	
<b>Contact plating</b>	4 µm Ag
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	PBTP 20 % GR
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell</b>	PBTP 20 % GR
<b>Strain relief</b>	Polyacetal (POM)

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