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## NL2FX

2 pole cable connector, chuck type strain relief, intermates with 4-pole chassis connector and makes contact with +1/-1

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 continuous, 50 A audio signal with 50% duty cycle
- Only 3 parts, easy to assemble
- High impact materials - long-lasting and reliable
- Easy and extremely precise locking system "Quick Lock"
- Improved grip on latch
- Mate with all available speakON products

## Technical Information

Title: NL2FX  
Connection Type: speakON  
Gender: female

### Electrical

Contact resistance:	$\leq 2 \text{ m}\Omega$ (inner) (after lifetime)
Dielectric strength:	4 kVdc
Insulation resistance:	$> 1 \text{ G}\Omega$
Rated current per contact:	40 A rms continuous
Rated current per contact:	50 A audiosignal, duty cycle 50 %
Rated voltage:	250 V (Insulation)

**Attention:** speakON is NOT to be used as an AC mains or power supply connector!

### Mechanical

Cable O.D.:	6 - 10 mm
Cable retention	$\geq 220 \text{ N}$ (subject to cable O.D. and material)
Lifetime:	$> 5000$ mating cycles
Wire size:	4 mm <sup>2</sup>
Wire size:	12 AWG
Wiring:	screw type terminals or soldering
Locking device:	Latch lock

### Material

Boot:	Polyamide (PA 6 30 % GR)
Contact plating:	4 $\mu\text{m}$ Ag
Contacts:	Brass (CuZn39Pb3)
Insert:	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