

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 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

Product

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 GΩ
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	≥ 220 N (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wire size	4 mm ²
Wire size	12 AWG
Wiring	screw type terminals or soldering
Locking device	Latch lock

Material

Boot	Polyamide (PA 6 30 % GR)
Contact plating	4 μm 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