

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
- Up to 50 A audio signal, duty cycle 50%
- 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
- 1 piece strain relief, chuck for 7 to 14.5 mm cable O.D.
- Color coding possible
- Improved screw-type termination for highest pull-out force
- Integrated design guarantees "Made by Neutrik®"

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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 mm² / 6 mm² (screw type terminals/soldering)
Wiresize	12 AWG / 10 AWG
Wiring	screw type terminals or soldering
Locking device	Quick Lock (latch)

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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

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