



## NL4FC

\*\*\* 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

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

- ✓ Up to 30 A rms current rating
- ✓ Reliable and robust, easy and fast to assemble
- ✓ Cable strain relief for 6 - 15 mm cable O.D.
- ✓ Accurate and dependable twist lock latching system "Quick Lock"
- ✓ Glass reinforced material for insert and housing, long-lasting and dependable
- ✓ User friendly latch design for easy handling
- ✓ Unique Neutrik chuck type strain relief

## Technical Information

Product	
Title	NL4FC
Connection Type	speakON
Gender	female

Electrical	
Contact resistance	$\leq 3 \text{ m}\Omega$ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	$> 1 \text{ G}\Omega$ (after dampheat)
Rated current per contact	30 A rms continuous
Rated current per contact	40 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.	6 - 15 mm
Cable retention	$\geq 220 \text{ N}$ (subject to cable O.D. and material)
Lifetime	$> 5000$ mating cycles
Wiresize	4 mm <sup>2</sup>
Wiresize	12 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	Polyamide (PA 6 30 % GR)
Strain relief	Polyacetal (POM)

Environmental	
Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C