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

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NEUTRIK

Technical Information

Product	
Title	NL4FC
Connection Type	speakON
Gender	female

Electrical	
Contact resistance	≤ 3 mΩ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	> 1 GΩ (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	≥ 220 N (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wiresize	4 mm^2
Wiresize	12 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	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

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