



## NL8FC

8 pole cable connector, latch lock, chuck type strain relief for cables 8 - 20 mm diameter, 30 A continuous per contact

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 30 A rms continuous
- Contacts are touch proof and meet all safety requirements (IEC, UL, CSA)
- High impact material for insert and housing, long-lasting and dependable
- Reliable and robust, easy and fast to assemble
- Accurate and dependable twist lock latching system "Quick Lock"
- Chuck type strain relief system for secure clamping of cable

## Technical Information

Product	
<b>Title</b>	NL8FC
<b>Connection Type</b>	speakON
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	≤ 3 mΩ (after lifetime)
<b>Dielectric strength</b>	4 kVdc (peak)
<b>Insulation resistance</b>	> 1 GΩ (after dampheat)
<b>Rated current per contact</b>	30 A rms continuous
<b>Rated current per contact</b>	40 A audiosignal, duty cycle 50 %
<b>Rated voltage</b>	250 V ac
<b>Attention</b>	speakON is NOT to be used as an AC mains or power supply connector!

Mechanical	
<b>Cable O.D.</b>	8 - 20 mm
<b>Cable retention</b>	≥ 220 N (subject to cable O.D. and material)
<b>Lifetime</b>	> 5000 mating cycles
<b>Wiresize</b>	4 mm <sup>2</sup>
<b>Wiresize</b>	12 AWG
<b>Wiring</b>	screw type terminals or soldering
<b>Locking device</b>	Quick Lock (latch)

Material	
<b>Contact plating</b>	4 μm Ag
<b>Contacts</b>	Brass (CuZn39Pb3)
<b>Insert</b>	PBTP 20 % GR
<b>Locking element</b>	Zinc diecast (ZnAl4Cu1)
<b>Shell</b>	Polyamide (PA 6 30 % GR)
<b>Strain relief</b>	Polyacetal (POM)

**Environmental**

<b>Flammability</b>	UL 94 HB
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C