



## 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	
Title	NL8FC
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.	8 - 20 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
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 HB
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C