



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 ² |
| 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 HB |
| Solderability | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C |