

# NLT8FX-BAG

8-pole female cable connector, black-chrome metal housing, solder

The speakON STX Series was especially designed for heavy duty amplifier-loudspeaker applications like professional touring. The extremely rugged and durable STX Series features an all metal housing.



## Features & Benefits

- Extremely robust metal housing designed for harsh and demanding environment
- Ideal product for touring applications and harsh environments
- Current rating 40 Amp continuous, 50 Amp audio signal with 50% duty cycle
- Uses precise "Quick Lock" system
- Mates with all currently available speakON products

## Technical Information [hide](#)

| Product                   |   |
|---------------------------|---|
| Title                     | NLT8FX-BAG  |
| Connection Type           | speakON   |
| Gender                    | female  |
| Electrical                |   |
| Contact resistance        | < 2 mΩ (after lifetime)   |
| Dielectric strength       | 4 kVdc (peak)   |
| Insulation resistance     | > 10 GΩ   |
| Rated current per contact | 40 A rms continuous   |
| Rated current per contact | 50 A audiosignal, duty cycle 50 %                                   |
| Rated voltage             | 250 V (Insulation)  |
| Attention                 | speakON is NOT to be used as an AC mains or power supply connector! |
| Mechanical                |   |
| Cable O.D.                | 8 - 20 mm   |
| Cable retention           | ≥ 220 N (subject to cable O.D. and material)                        |
| Lifetime                  | > 5000 mating cycles  |
| Wiresize                  | 6 mm <sup>2</sup>   |
| Wiresize                  | 10 AWG  |
| Wiring                    | Solder contacts   |
| Locking device            | Quick Lock (latch)  |
| Material                  |   |
| Contact plating           | 4 μm Ag   |
| Contacts                  | Spring copper   |

|                      |                           |
|----------------------|---------------------------|
| Locking element      | Zinc diecast (ZnAl4Cu1)   |
| Shell                | Zinc diecast (ZnAl4Cu1)   |
| Strain relief        | Polyacetal (POM)          |
| <b>Environmental</b> |                           |
| Flammability         | UL 94 HB                  |
| Protection class     | IP 52 (mated condition)   |
| Solderability        | Complies with IEC 68-2-20 |
| Temperature range    | -30 °C to +80 °C          |