



## NLT4FX

**\*DISCONTINUED\*** Please see successor [NLT4FXX](#)

4 pole female cable connector, nickel housing, chuck type strain relief

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

- Current rating 40 A continuous, 50 A audio signal with 50% duty cycle
- Sealing ring provides weatherproof IP54 rating in mated condition
- Extra large solder contacts for up to 6 mm<sup>2</sup> (AWG 10) wires
- Robust and durable all metal housing
- Reinforced metal quick lock system for ease and precise locking
- Mate with all available speakON products

## Technical Information

| Product                |         |
|------------------------|---------|
| <b>Title</b>           | NLT4FX  |
| <b>Connection Type</b> | speakON |
| <b>Gender</b>          | female  |

| Electrical                       |   |
|----------------------------------|---|
| <b>Contact resistance</b>        | < 2 mΩ (after lifetime)   |
| <b>Dielectric strength</b>       | 4 kVdc (peak)   |
| <b>Insulation resistance</b>     | > 10 GΩ   |
| <b>Rated current per contact</b> | 40 A rms continuous   |
| <b>Rated current per contact</b> | 50 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>      | 9 - 16 mm                                    |
| <b>Cable retention</b> | ≥ 220 N (subject to cable O.D. and material) |
| <b>Lifetime</b>        | > 5000 mating cycles                         |
| <b>Wiresize</b>        | 6 mm <sup>2</sup>                            |
| <b>Wiresize</b>        | 10 AWG                                       |
| <b>Wiring</b>          | Solder contacts                              |
| <b>Locking device</b>  | Quick Lock (latch)                           |

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

| Environmental            |                           |
|--------------------------|---------------------------|
| <b>Flammability</b>      | UL 94 HB                  |
| <b>Protection class</b>  | IP 54 (mated condition)   |
| <b>Solderability</b>     | Complies with IEC 68-2-20 |
| <b>Temperature range</b> | -30 °C to +80 °C          |