



## NLT4FX

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         |         |
|-----------------|---------|
| Title           | NLT4FX  |
| 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 ac                                                            |
| Attention                 | speakON is NOT to be used as an AC mains or power supply connector! |

| Mechanical      |                                              |
|-----------------|----------------------------------------------|
| Cable O.D.      | 9 - 16 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        | Brass (CuZn39Pb3)        |
| Insert          | Polyamide (PA 6 30 % GR) |
| Locking element | Zinc diecast (ZnAl4Cu1)  |
| Shell           | Zinc diecast (ZnAl4Cu1)  |
| Strain relief   | Polyacetal (POM)         |

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