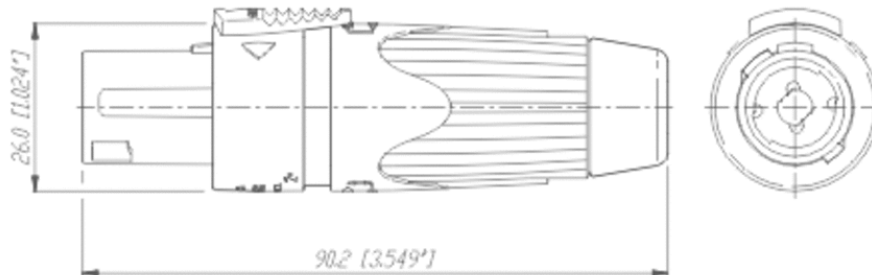




NLT8FX

8-pole SPEAKON female cable connector, ruggedized, metal Ni plated housing.

[PDF](#) [DXF](#)



Speakon® Lockable Loudspeaker Connector / STX Series

The new SPEAKON STX Series is the next generation of 4 & 8 pole SPEAKON connectors especially designed for loudspeaker-amplifier applications in harsh environment such as professional touring with extremely rugged and durable metal housing and built-in gaskets (4 pole version only) to make it weather resistant. Available as female cable connector / male receptacle and now also as 4 pole male cable and female chassis connector. STX chassis connectors are airtight for audio applications (leakage 30 cm³/s at 10 kPa differential pressure) unless otherwise stated.

TECHNICAL DATA

Electrical

Rated current/contact: 40 A rms continuous,

50 A audiosignal, duty cycle 50%

Exception NLT4MD-V: 30 A rms continuous, 40 A audiosignal, duty cycle 50%

Dielectric strength: 4kV peak

Rated insulation voltage: 250 V ac

Contact resistance after lifetime: < 2 mΩ

Insulation resistance: > 10 GΩ

Mechanical

Retention method: Quicklock with latch

Lifetime (mating cycles): > 5000

Cable anchoring: NEUTRIK® chuck principle

Cable O.D. range: 9 - 16 mm (8 pole: 10 - 20 mm)

Wiring:

- Max. wire size: 6mm² / 10 AWG (stranded)

- NLT4FX / 4MX / 4FP / 8FX: soldering

- NLT4MP / 8MP: Flat tabs for FASTON* 6.3 mm x 0.8 mm (0.25 x 0.03") - - - ONLY 25 A (soldering possible)

Solderability: complies with IEC 68-2-20

Materials

Contacts:

- Female: Brass CuZn39Pb3

- Male: Copper (Cu)

Housing: Zinc diecast ZnAl4Cu1

Insert: Polyamide PA 6 30% GR

Bushing: Zinc diecast ZnAl4Cu1

Chuck: Polyacetal POM

Locking element: Zinc diecast ZnAl4Cu1

Temperature range: -30°C to +80°C

Flammability: UL94HB

Protection class (mated condition): IP54 (8 pole: IP52)