



# NLT8FXX-BAG

8 pole female cable connector, metal housing, chuck type strain relief, solder contacts

This connector is accepted within audio equipment designed according to IEC 62368-1 due to its component certification according to IEC 61984.

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

## Features & Benefits

- ✓ IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1
- ✓ Current rating 30 A rms
- ✓ Extremely robust metal housing and glass reinforced V-0 material insert designed for harsh and demanding environment
- ✓ Precise “Quick Lock” system
- ✓ Compatible with complete speakON 8 pole product series

## Technical Information

Product	
Title	NLT8FXX-BAG
Gender	female

**Electrical**

Contact resistance	< 2 mΩ
Dielectric strength	1.5 kVac
Insulation resistance	> 0.1 GΩ (after dampheat)
Rated current per contact	30 A rms continuous (acc. to IEC 61984)
Rated voltage	250 V ac
Attention	speakON is NOT to be used as an mains or power supply connector (AC / DC)!

**Mechanical**

Cable O.D.	8 - 20 mm
Cable retention	≥ 220 N (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wiresize	1.5 mm <sup>2</sup> - 6 mm <sup>2</sup>
Wiresize	10 AWG
Termination	Solder contacts
Locking device	Quick Lock (latch)

**Material**

Contact plating	Ag
Contacts	Copper Alloy
Shell	Zinc diecast, KTL coating
Insert	Polyamide (PA 6.6)
Locking element	Zinc diecast
Strain relief	Polyacetal (POM)

Environmental	
Temperature range	-30 °C to +80 °C
Flammability	UL 94 V-0
Protection class	IP 50 (mated condition)
Solderability	Complies with IEC 68-2-20