

NLT8FX

8-pole female cable connector, Nickel housing, chuck type strain relief, 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

- Current rating 40 A continuous, 50 A audio signal with 50% duty cycle
- Robust and durable all metal housing
- Reinforced metal quick lock system for ease and precise locking
- Extra large solder contacts for up to 6mm² (AWG10) wires
- Mate with all available speakON products

Technical Information hide

Product	
Title	NLT8FX
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 ²
Wiresize	10 AWG
Wiring	Solder contacts
Locking device	Quick Lock (latch)
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Material

Contact plating	4 µm Ag
Contacts	Spring copper
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 52 (mated condition)
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C