

neutrik > Products > speakON Loudspeaker Connectors > speakON Cable Connectors > SPX Series * DISCONTINUED * > NL2FX

NL2FX

*** DISCONTINUED ***
Direct replacement / successor: [NL2FXX-W-S](#)



2 pole cable connector, chuck type strain relief

The industry-standard for loudspeaker connections offer extremely reliable and robust cable connectors with a reliable locking system. They feature solid contacts with screw-type terminals including a stranded wire protection which offer also solder termination.

- Features & Benefits
- Downloads
- Technical Information
- Accessories
- [Download Data Sheet](#)

Features & Benefits

- Up to 32 A rms current rating
- High impact materials – long-lasting and reliable
- 1 piece strain relief, chuck for 6 to 10 mm cable O.D.
- Mates with 4-pole chassis connector as well and makes contact with +1/-1
- Suitable for IEC62368-1 compliant devices
- Only 3 parts, easy to assemble
- Easy and extremely precise locking system "Quick Lock"
- Improved grip on latch
- Certified according to IEC61984

Downloads

- [3D File NL2FX](#)
- [Drawing NL2FX](#)
- [Drawing NL2FX](#)
- [Overview speakON Connectors](#)
- [speakON Wiring Suggestion](#)
- [Assembly Instruction - NL2FX](#)
- [Product Guide - Section Loudspeaker Connectors](#)

Technical Information

Product	
Title	NL2FX
Connection Type	speakON
Gender	female

Electrical	
Contact resistance	< 2 mΩ (after lifetime)
Dielectric strength	4 kVdc (peak)
Insulation resistance	> 1 GΩ (after dampheat)
Rated current per contact	32 A rms continuous
Rated voltage	250 V ac
Attention	This product is strictly not intended for use as an AC mains or power supply connector! CAUTION: NOT FOR INTERRUPTING CURRENT

Mechanical	
Cable O.D.	6 - 10 mm
Cable retention	≥ 220 N (subject to cable O.D. and material)
Lifetime	> 5000 mating cycles
Wiresize	1.5 - 4 mm ²
Wiresize	16 - 12 AWG
Wiring	screw type terminals or soldering
Locking device	Quick Lock (latch)

Material	
Contact plating	4 μm Ag
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 66)
Locking element	Zinc diecast (ZnAl4Cu1)
Shell	PBT 20 % GR
Strain relief	Polyacetal (POM)

Environmental	
Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C

Accessories



NL4MMX

- | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>AUDIO</p> <ul style="list-style-type: none"> XLR Plugs & Jacks Phono (RCA) speakON opticalCON FIBERFOX etherCON powerCON Patch Panels XIRIUM PRO DANTE Interface MILAN OEM Solutions Accessories | <p>VIDEO</p> <ul style="list-style-type: none"> BNC opticalCON FIBERFOX opticamSWITCH Phono (RCA) powerCON Accessories PoE Injector | <p>LIGHTING</p> <ul style="list-style-type: none"> XLR etherCON opticalCON FIBERFOX powerCON Accessories | <p>POWER</p> <ul style="list-style-type: none"> powerCON TRUE1 TOP *Discontinued* powerCON TRUE1 powerCON blue / grey powerCON 32 A powerCON Accessories PoE Injector Professional POWER CABLES | <p>DATA</p> <ul style="list-style-type: none"> opticalCON etherCON Multimedia 8 + 2 pole XLR PoE Injector FIBERFOX | <p>INDUSTRIAL</p> <ul style="list-style-type: none"> Circular connectors powerCON etherCON XLR Plugs & Jacks opticalCON FIBERFOX | <p>HEALTHCARE</p> <ul style="list-style-type: none"> opticalCON HYBRID MED opticalCON QUAD MED powerCON etherCON neutriCON |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|