



## NL2FXX-W-S

2 pole speakON cable connector, screw terminal assembly, chuck type strain relief for cable diameters 6 to 12 mm

speakON connectors are the industry-standard for loudspeaker connections. This product series offers extremely reliable and robust cable connectors with a proven twist lock system. speakON cable connectors feature solid contacts with screw-type terminals including a stranded wire protection



## Features & Benefits

- Mates with 2-pole chassis connector as well as 4-pole chassis connector (contacts +1/-1)
- Up to 37 A rms current rating
- IEC 61984 certified, thus accepted as a component of equipment acc. to IEC 62368-1
- Easy and reliable twist lock system
- Improved kink protection by two-component bushing
- Ergonomic design with slip-proof two-component molded housing
- Unique Neutrik locking bushing and strain relief for cable diameters 6 mm to 12 mm
- Superior NEUTRIK quality standard, extremely robust and reliable
- Easy to assemble because the strain relief locks with the insert mechanically and aligns with the housing

## Assembly instruction video for speakON FXX

## Technical Information

Product	
<b>Title</b>	NL2FXX-W-S
<b>Connector series</b>	speakON 2-pole

Electrical	
<b>Contact resistance</b>	$\leq 2 \text{ m}\Omega$
<b>Dielectric strength</b>	2.8 kVAC
<b>Insulation resistance</b>	$> 10 \text{ G}\Omega$ (initially)
<b>Number of electronical contacts</b>	2
<b>Rating Europe</b>	IEC 61984: 37 A 250 V AC
<b>Rating USA</b>	UL1977: 35 A 250 V AC
<b>Rating Canada</b>	CSA C22.2 No.182.3: 24 A 250 V AC
<b>Attention</b>	<p>This product is strictly not intended for use as an AC mains or power supply connector!</p> <p><b>CAUTION: NOT FOR INTERRUPTING CURRENT</b></p>

Mechanical	
<b>Cable O.D.</b>	6 – 12 mm
<b>Lifetime</b>	typically 5'000 mating cycles
<b>Wiresize (mm)</b>	1.5 – 4 mm <sup>2</sup>
<b>Wiresize (AWG)</b>	17 – 11 AWG
<b>Locking device</b>	Twist lock
<b>Termination</b>	screw type terminals

Material	
<b>Contact plating</b>	Ag
<b>Contacts</b>	Copper Alloy
<b>Insert</b>	Polyamide (PA6.6)
<b>Locking element</b>	Zinc diecast
<b>Shell</b>	Polyamide (PA6) / TPE
<b>Strain relief</b>	Polyketone
<b>Bushing</b>	Polypropylene / TPE

Environmental	
<b>Temperature range</b>	-33 °C to +80 °C
<b>Protection class</b>	IP20
<b>Flammability acc. to UL94</b>	V-0