



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

**Technical Information**

| Product          |                |
|------------------|----------------|
| Title            | NL2FXX-W-S     |
| Connector series | speakON 2-pole |

**Electrical**

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

**Mechanical**

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

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

| Environmental             |                  |
|---------------------------|------------------|
| Temperature range         | -33 °C to +80 °C |
| Protection class          | IP20             |
| Flammability acc. to UL94 | V-0              |