



## NP2X

1/4" professional phone plug, 2 pole, nickel contacts, nickel shell

The heavy duty professional phone plug series improves on the design of the existing C series by offering the thinnest available A-gauge 1/4" plug with unique Neutrik chuck type strain relief on the market. The slimline shell with a width of 14.5 mm meets the most recent requirements for highest density jackfields (15.88mm jack pitch).

The precise machined one-piece tip contact without rivets makes it unique and avoids hook up in a socket or break off the tip.

The Plug X Series serves all applications such as guitar applications, audio cables, snakes, speakers, amplifiers and mixing desks.

### Features & Benefits

- Extra slim 1/4" plug for highest packing density
- Proven chuck type strain relief for reliable cable retention
- Precision machined one-piece contacts - avoid hook up of tip contact
- Robust diecast shell in stylish design
- Sleek design for best handling convenience

## Technical Information

| Product                |      |
|------------------------|------|
| <b>Title</b>           | NP2X |
| <b>Connection Type</b> | Plug |
| <b>Gender</b>          | male |

| Electrical                       |  |
|----------------------------------|--|
| <b>Contact resistance</b>        | depends on mating connector mΩ                 |
| <b>Dielectric strength</b>       | 1 kVdc   |
| <b>Insulation resistance</b>     | > 2 (initial) GΩ ≥ 1 GΩ (after damp heat test) |
| <b>Rated current per contact</b> | depends on mating connector A                  |
| <b>Rated voltage</b>             | < 50 V   |

| Mechanical        |                      |
|-------------------|----------------------|
| <b>Cable O.D.</b> | 4 - 7 mm             |
| <b>Lifetime</b>   | > 1000 mating cycles |
| <b>Wiresize</b>   | 1 mm <sup>2</sup>    |
| <b>Wiresize</b>   | 18 AWG               |
| <b>Wiring</b>     | Solder contacts      |

| Material               |                            |
|------------------------|----------------------------|
| <b>Bushing</b>         | Polyacetal (POM) + PU      |
| <b>Contact plating</b> | 2 μm Ni (Su)               |
| <b>Contacts</b>        | Brass (CuZn39Pb3)          |
| <b>Insert</b>          | Polyamide (PA 6.6 30 % GR) |
| <b>Shell</b>           | Zinc diecast (ZnAl4Cu1)    |
| <b>Shell plating</b>   | Nickel                     |
| <b>Strain relief</b>   | Polyacetal (POM)           |

| Environmental              |                           |
|----------------------------|---------------------------|
| <b>Standard compliance</b> | IEC 60603-11 / EIA RS-453 |
| <b>Solderability</b>       | Complies with IEC 68-2-20 |
| <b>Temperature range</b>   | -20 °C to +65 °C          |