



## NP3RX-B

3 pole right-angle 1/4" professional phone plug, gold contacts, black 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

- All metal housing eliminates the plastic cover of the predecessor NP\*RCS and improves further durability and EMI protection
- Robust diecast shell in stylish design
- Sleek design for best handling convenience
- 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

## Technical Information

| Product         |         |
|-----------------|---------|
| Title           | NP3RX-B |
| Connection Type | Plug    |
| Gender          | male    |

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

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

| Material        |                            |
|-----------------|----------------------------|
| Bushing         | Polyacetal (POM) + PU      |
| Contact plating | 0.2 µm Au                  |
| Contacts        | Brass (CuZn39Pb3)          |
| Insert          | Polyamide (PA 6.6 30 % GR) |
| Shell           | Zinc diecast (ZnAl4Cu1)    |
| Shell plating   | Black chromium             |
| Strain relief   | Polyacetal (POM)           |

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