



## 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 m $\Omega$
Dielectric strength	1 kVdc
Insulation resistance	> 2 G $\Omega$ (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