

Phono Connectors

Order code	Manufacturer code	Description
20-1495	NF2C-B/2	PROFI GOLD PLATED PHONO PLUGS

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The enclosed information is believed to be correct, Information may change 'without notice' due to product improvement. Users should ensure that the product is suitable for their use. E. & O. E.	Revision A 04/07/2003

Professional Phono Plugs

NEUTRIK® Profi® Series Professional Phono Connectors

Design Features

The PROF1 includes the following features:

- Spring loaded ground contact: retractable element with separate wedge contacts which keep the shell in the front position when engaged thus also providing a direct and strictly coaxial electrical connection from the socket via the shell to the cable shield
- All metal design, machined brass, black coated shell
- Easy assembly and soldering (large soldering area, rapid-flow plating)
- High-grade plastic insulator with high creep resistance

Technical Specification

Electrical

Rated Current:	16 A	Dielectric Strength:	1500 V dc
Rated Voltage:	250 V ac	Capacitance (pin to shell):	7 pF
Insulation Resistance:	$> 1.10^{11} \Omega$		

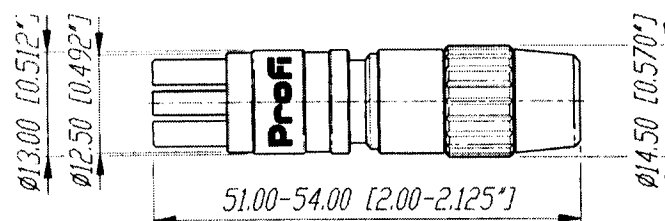
Mechanical

Cable Anchorage:	NEUTRIK chuck principle	Maximum Wire Size:	2.5 mm ² / 14AWG
Cable OD Range:	3.0 – 5.5 mm (blue chuck) 5.5 – 7.3 mm (black chuck)	Solderability:	Complies with IEC 68-2-20

Materials

Shell:	Brass CuZn39Pb3 black coated	Chuck:	Polyacetal POM
Contact Pin:	Brass CuZn39Pb3 0.5 µm Au plated	Insulator:	PBTP
Ground Contact:	Brass CuZn39Pb3 0.5 µm Au plated over 5 µm Ni	Temperature Range:	-30°C to +80°C

Dimensions



Information

Neutrik Code	Description	Contact Plating	Sleeve Colour
NF2C-B/2	Two Plugs with Colour Coding	Gold	Red & Black