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1/4" Prof. Phone Plugs, X-Series

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NP2RX

Product

Connector Type	Plug
Gender	male

Electrical

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

Mechanical

Cable O.D.	4 - 7 mm
Lifetime	> 1000 mating cycles
Wire size	1 mm ²
Wire size	18 AWG
Wiring	Solder contacts
RW / Straight	Yes

Material

Bushing	Polyacetal (POM) + PU
Contact plating	2 μm Ni (Su)
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
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