



NP3TM-R

1/4" MIL-plug (MIL-P-642/2), red metal housing, nickel contacts

Professional phone plugs in MIL type design according MIL standard MIL-P-642/*. They are featuring similar construction as the standard Neutrik phone plugs with chuck type strain relief and slimline metal barrel to meet the high requirements for military communication equipments. These plugs are not compatible with standard 1/4" jacks (acc. EIA RS453) and patch panels.

Features & Benefits

- 1/4" MIL-plug (MIL-P-642/2)
- One-piece Tip conductor ensures secure conductivity
- Metal shell and chuck type cable retention - robust and dependable

Technical Information

Product	
Title	NP3TM-R
Connection Type	Plug
Gender	male

Electrical	
Contact resistance	depends on mating connector m Ω
Dielectric strength	1 kVdc
Insulation resistance	> 2 G Ω (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 ²
Wiresize	18 AWG
Wiring	Solder contacts

Material	
Bushing	Polyacetal (POM) + PU
Contact plating	2 µm Ni (Su)
Contacts	Brass (CuZn39Pb3)
Insert	Polyamide (PA 6.6 30 % GR)
Shell	Brass (CuZn39Pb3)
Shell plating	Red coated
Strain relief	Polyacetal (POM)

Environmental	
Standard compliance	MIL-P-642/2
Solderability	Complies with IEC 68-2-20
Temperature range	-20 °C to +65 °C