



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 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 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 |