



## NJ3FC6

Professional locking 1/4" cable jack for secure in-line connections. Nickel housing, silver contacts, excellent cable protection

The 3 pole phone cable jack in-line version provides stable and secure connections where accidental disconnect or shock and vibration may occur. It latches with standard A-gauge mono or stereo plugs. Plug locks-in automatically when mating and unlocks only by pressing red release tab.

### Features & Benefits

- Securely locking cable jack
- Metal shell makes it extremely robust and reliable
- Solder terminals
- Mates with all mono and stereo plugs specified acc. EIA RS-453 (A-gauge)
- Neutrik cable retention and boot as on XLR connectors
- Colored boots available in 10 colors for color coding and marking

## Technical Information

| Product         |        |
|-----------------|--------|
| Title           | NJ3FC6 |
| Connection Type | Jack   |
| Gender          | female |

| Electrical                |                                |
|---------------------------|--------------------------------|
| Contact resistance        | < 6 m $\Omega$ (initial)       |
| Dielectric strength       | 1 kVdc                         |
| Insulation resistance     | $\geq$ 1 G $\Omega$ @ 500 V dc |
| Rated current per contact | 10 A                           |

| Mechanical       |                       |
|------------------|-----------------------|
| Cable O.D.       | 3.5 - 8.0 mm          |
| Insertion force  | < 30 N                |
| Withdrawal force | < 20 N                |
| Lifetime         | > 10000 mating cycles |
| Locking force    | > 80 N                |
| Wiresize         | 1 mm <sup>2</sup>     |
| Wiresize         | 18 AWG                |
| Wiring           | Solder contacts       |
| Locking device   | Latch lock            |

| Material        |                            |
|-----------------|----------------------------|
| Boot            | Polyurethan                |
| Contact plating | 2 µm Ag                    |
| Contacts        | Brass (CuZn37) (Ground)    |
| Insert          | Polyamide (PA 6.6 30 % GR) |
| Shell           | Zinc diecast (ZnAl4Cu1)    |
| Shell plating   | Nickel                     |
| Strain relief   | Polyacetal (POM)           |

| Environmental       |                           |
|---------------------|---------------------------|
| Standard compliance | EIA RS 453, IEC 60603-11  |
| Solderability       | Complies with IEC 68-2-20 |
| Temperature range   | -25 °C to +70 °C          |