



## NJ3FC6-BAG

Professional locking 1/4" cable jack for secure in-line connections. Black metal 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                |            |
|------------------------|------------|
| <b>Title</b>           | NJ3FC6-BAG |
| <b>Connection Type</b> | Jack       |
| <b>Gender</b>          | female     |

| Electrical                       |                   |
|----------------------------------|-------------------|
| <b>Contact resistance</b>        | < 6 mΩ (initial)  |
| <b>Dielectric strength</b>       | 1 kVdc            |
| <b>Insulation resistance</b>     | ≥ 1 GΩ @ 500 V dc |
| <b>Rated current per contact</b> | 10 A              |

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

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

**Environmental**

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