



## 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	
<b>Title</b>	NJ3FC6
<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>	Nickel
<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