



# NCJ10FI-S-0

3 pole XLR female receptacle with 1/4" switching stereo jack and switching ground contact, solder cups for wire termination, retention spring

XLR / jack hybrid chassis connector combining 3 pole XLR receptacle and 1/4" jack.

## Features & Benefits

- ✓ Combined XLR receptacle and 1/4" phone jack
- ✓ Balanced or line inputs in one XLR shell
- ✓ Saves rack space by combining 2 connectors in one housing
- ✓ Very low conductor capacitance, therefore suitable for digital audio

## Technical Information

| Product         |             |
|-----------------|-------------|
| Title           | NCJ10FI-S-0 |
| Connection Type | Combo       |
| Gender          | female      |

**Electrical**

|                           |                                     |
|---------------------------|-------------------------------------|
| Contact resistance        | < 10 mΩ (XLR)                       |
| Contact resistance        | < 20 mΩ (jack & switching contacts) |
| Dielectric strength       | 1,5 kVdc                            |
| Insulation resistance     | > 10 GΩ (initial)                   |
| Rated current per contact | 7,5 A (XLR)                         |
| Rated current per contact | 7,5 A (Jack)                        |
| Rated voltage             | < 50 V                              |
| Switching contacts        | 3                                   |

**Mechanical**

|                    |                         |
|--------------------|-------------------------|
| Insertion force    | ≤ 25 N                  |
| Withdrawal force   | ≤ 25 N                  |
| Lifetime           | > 1000 mating cycles    |
| Locking force      | > 20 N separating force |
| Panel thickness    | max. 7 mm 0.27"         |
| Wiresize           |                         |
| Mounting direction | Rear mounting           |

**Material**

|                 |                                   |
|-----------------|-----------------------------------|
| Contact plating | 0.2 μm Au hard alloy over 2 μm Ni |
| Contacts        | Bronze (CuSn6)                    |
| Insert          | Polyamide (PA 6.6 30 % GR)        |
| Locking element | Steel Ck67                        |

| Environmental     |                  |
|-------------------|------------------|
| Temperature range | -30 °C to +80 °C |