



## NCJ6FA-V-AE

New: With ESD protective push tab improving electrostatic discharge and component protection.

XLR / jack hybrid chassis connector combining 3 pole XLR receptacle and 1/4" jack in the smallest available XLR housing. Improved ESD performance with asymmetric non-metallic push.

The all plastic A-Series offers the most space saving and cost effective design.

## Features & Benefits

- Protection against electrostatic discharge and components due to compound material of the push tab
- Dramatic space saving - 15% over the predecessor Combo
- Combined 3 pole XLR receptacle and 1/4" TRS phone jack for balanced mic and line or instrument inputs in one XLR housing
- Very low conductor capacitance - ideal for digital audio
- Two connectors in one housing - substantial cost, material and labour saving
- Front panel cut-out compatible with Neutrik XLR A Series

## Technical Information

| Product         |             |
|-----------------|-------------|
| Title           | NCJ6FA-V-AE |
| Connection Type | Combo       |
| Gender          | female      |

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

| Mechanical         |                      |
|--------------------|----------------------|
| Insertion force    | ≤ 20 N               |
| Withdrawal force   | ≤ 20 N               |
| Lifetime           | > 1000 mating cycles |
| Panel thickness    | max. 3 mm (0.12")    |
| Wiring             | vertical PCB mount   |
| Locking device     | Latch lock           |
| Mounting direction | Rear mounting        |
| Mounting screw     | A-screw              |

| Material        |  |
|-----------------|--|
| Contact plating | gal 0.2 µm AuCo (XLR), gal 0.2 µm Ag (Jack RS), Palladium, 0.1 µm Pd over 3 µm NiP |
| Contacts        | Bronze (CuSn6)   |
| Insert          | Polyamide (PA66)   |
| Locking element | Reinforced Polyamide   |

| Environmental     |                           |
|-------------------|---------------------------|
| Flammability      | UL 94 V-0                 |
| Solderability     | Complies with IEC 68-2-20 |
| Temperature range | -30 °C to +80 °C          |