

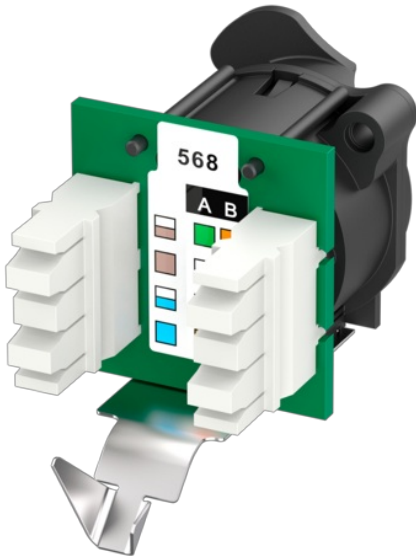
## NE8FAV-Y110-DAE

Panel mount RJ45 receptacle, IDC 110 punch down terminals, A-Series cutout with latch lock system, max. panel thickness 3 mm. Mounting screws included.

The etherCON Series is a ruggedized and lockable RJ45 connector system, optimized for pro audio, video and lightning network applications. The chassis connectors are shaped to fit into standardized panels out of the entertainment industry.

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

Attention! Does not intermate with CAT6 cable connector NE8MC6-MO and NKE6S\* cables.



## Features & Benefits

- |   |   |
|---|---|
| <ul style="list-style-type: none"><li>• Accommodates rugged etherCON NE8MX* or any standard RJ45 plug</li></ul> | <ul style="list-style-type: none"><li>• Most space saving and cost effective design</li></ul>                                   |
| <ul style="list-style-type: none"><li>• Selectable ground - panel connection</li></ul>                          | <ul style="list-style-type: none"><li>• Compound material of push tab improves ESD protection</li></ul>                         |
| <ul style="list-style-type: none"><li>• Approved latch lock system</li></ul>                                    | <ul style="list-style-type: none"><li>• Complies with Cat 5e according to TIA / EIA 568B and ISO / IEC 11801 standard</li></ul> |
| <ul style="list-style-type: none"><li>• Easy and quick mounting using 110 type punch down terminals</li></ul>   |   |

Technical Information

| Product         |                 |
|-----------------|-----------------|
| Title           | NE8FAV-Y110-DAE |
| Type            | Chassis         |
| Connection Type | etherCON        |
| Gender          | Female          |

| Electrical                |   |
|---------------------------|---|
| Contact resistance        | < 50 mΩ   |
| Dielectric strength       | 1 kV DC   |
| Frequency range           | 1 – 100 MHz   |
| Insulation resistance     | > 0.5 GΩ  |
| Rated current per contact | 1.5 A   |
| Rated voltage             | ≤ 57 V  |
| Transmission performance  | CAT5e acc. to TIA/EIA 568C channel specifications<br>CLASS D acc. to ISO/IEC 11801 channel specifications |
| Power over Ethernet       | PoE type 3 class 6 (60W) acc. IEEE 802.3bt  |

| Mechanical         |                              |
|--------------------|------------------------------|
| Insertion force    | ≤ 20 N                       |
| Withdrawal force   | ≤ 20 N                       |
| Lifetime           | > 1000 mating cycles         |
| Panel thickness    | Max. 3 mm (0.12")            |
| Wire size          | 0.14 - 0.5 mm²               |
| Wiresize           | 26 - 20 AWG                  |
| Wiring             | IDC 110 punch down terminals |
| Locking device     | Latch lock                   |
| Mounting direction | Rear mounting                |
| Chassis shape      | A                            |
| Mounting           | A-Screw                      |

| Material        |                           |
|-----------------|---------------------------|
| Contact plating | 0.2 µm Au over Ni plating |
| Contacts        | Bronze (CuSn8)            |
| Locking element | HPPA                      |
| Shell           | PBT D202G30               |

| Environmental       |   |
|---------------------|---|
| Flammability        | UL 94 V-0   |
| Temperature range   | -30 °C to +80 °C  |
| Solderability       | Complies with IEC 68-2-20   |
| Standard compliance | ISO/IEC 11801-1 Ed. 1.0 (2017-11)<br>IEC 60603-7-3 Ed.2.0 (2010-04)<br>IEC 60512-99-002 Ed.2.0 (2022-01)<br>IEC 60512-9-3 (2011-06) |