

NE8FAV-SD-AE

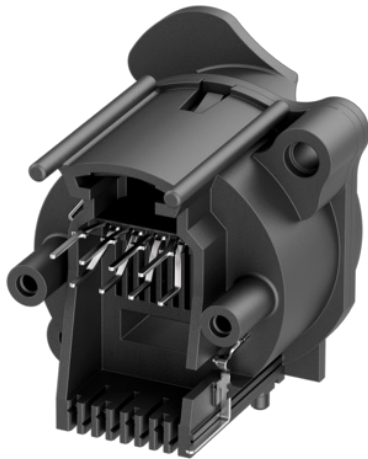
Vertical PCB mount RJ45 receptacle, A-Series cutout with latch lock, with 2 additional screw-domes for fixing the connector on the PCB (fixing screws included), max. panel thickness 3 mm.



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

- Accommodates rugged etherCON NE8MX* or any standard RJ45 plug
- Most space saving and cost effective design
- SD-Version with screw domes to fix connector onto PCB securely
- PoE type 4 class 8 (100W) acc. IEEE 802.3bt
- Approved latch lock system
- CAT5e / Class D according to TIA/EIA 568C and ISO/IEC 11801
- Compound material of push tab improves ESD protection

Technical Information

| Product | |
|------------------------|--------------|
| Title | NE8FAV-SD-AE |
| Type | Chassis |
| Connection Type | etherCON |
| Gender | Female |

| Electrical | |
|----------------------------------|---|
| Contact resistance | <50 mΩ |
| Dielectric strength | 1 kVdc |
| 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 CLASS D acc. to ISO/IEC 11801 channel specifications |
| Power over Ethernet | PoE type 4 class 8 (100W) acc. IEEE 802.3bt |

| 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 | 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 | PBTP 15 % GR |

| 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) IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-99-002 Ed.2.0 (2022-01) IEC 60512-9-3 (2011-06) |