

## NE8FAV-YK-DAE

Panel mount RJ45 receptacle with IDC Krone 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

- Accommodates rugged etherCON NE8MX\* or any standard RJ45 plug
- Selectable ground - panel connection
- Approved latch lock system
- Easy and quick mounting using IDC Krone terminals
- Most space saving and cost effective design
- Compound material of push tab improves ESD protection
- CAT5e / Class D according to TIA/EIA 568C and ISO/IEC 11801
- PoE type 3 class 6 (60W) acc. IEEE 802.3bt

## Technical Information

Product	
<b>Title</b>	NE8FAV-YK-DAE
<b>Type</b>	Chassis
<b>Connection Type</b>	etherCON
<b>Gender</b>	Female

Electrical	
<b>Contact resistance</b>	< 50 mΩ
<b>Dielectric strength</b>	1 kV DC
<b>Frequency range</b>	1 – 100 MHz
<b>Insulation resistance</b>	> 0.5 GΩ
<b>Rated current per contact</b>	1.5 A
<b>Rated voltage</b>	≤ 57 V
<b>Transmission performance</b>	CAT5e acc. to TIA/EIA 568C channel specifications CLASS D acc. to ISO/IEC 11801 channel specifications
<b>Power over Ethernet</b>	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")
Wiresize	0.14 - 0.5 mm <sup>2</sup>
Wiresize	26 - 20 AWG
Wiring	IDC Krone punch down terminals
Locking device	Latch lock
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) IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-99-002 Ed.2.0 (2022-01) IEC 60512-9-3 (2011-06)