

NE8FAV-C5

Vertical PCB mount RJ45 receptacle, CAT5e, A-Series cutout with latch lock, 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 connectors.

Features & Benefits

- Accommodates rugged etherCON NE8MC* or any standard RJ45 plug
- Approved latch lock system
- Most space saving and cost effective design
- Isolated to panel ground
- Vertical PCB design at 24 mm distance to front panel – fits the widely accepted industry standard dimension for XLRs, 1/4" jacks etc.
- PoE+ compliant according to 802.3at Type2
- CAT5e performance according to ISO/IEC 11801 and TIA/EIA 568-C.2

Technical Information [hide](#)

Product	
Title	NE8FAV-C5
Gender	female
Electrical	
Contact resistance	< 10 mΩ (inner)
Dielectric strength	1 kVdc
Frequencyrange	1 - 100 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Rated voltage	< 50 V
Transmission performance	CAT5e, acc. TIA/EIA 568C.2, IEC11801
Power over Ethernet	PoE+ acc. IEEE 802.3at
Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	> 1000 mating cycles
Panel thickness	max. 3 mm (0.12")
Wiring	Horizontal PCB mount
Locking device	Latch lock
Mounting direction	rear
Chassis shape	A

Material

Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Locking element	Ck 67 steel, treated
Shell	PBT D202G30

Environmental

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