NE8FAH-C5-AE

Horizontal PCB mountt 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 connector NE8MC6-MO and NKE6S* cables.

Features & Benefits

- Accommodates rugged etherCON NE8MX* or any standard RJ45 plug
- Most space saving and cost effective design
- PoE+ compliant according to 802.3at Type2
- Horizontal PCB design at 24 mm distance to front panel – fits the widely accepted industry standard dimension for XLRs, 1/4" jacks etc.

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- ✓ Approved latch lock system
- ✓ Isolated to panel ground
- ✓ CAT5e performance according to ISO/IEC 11801 and TIA/EIA 568-C.2

Technical Information

Product	
Title	NE8FAH-C5-AE
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 568A/B component specifications CAT5e acc. to ISO/IEC 11801 component specifications
Power over Ethernet	PoE type 4 class 8 (100W) acc. IEEE 802.3bt

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

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