

## NE8FAV-ESD

Horizontal PCB mount RJ45 receptacle, A-Series cutout with latch lock, max. panel thickness 3 mm and asymmetric non-metallic push tab.



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. Light ring for status indication, etc. Improved EMC and ESD performance via asymmetric non-metallic push.

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
- Housing flammability UL94 V-0
- Compound material improves ESD performance
- Matte color of push tab eliminates disturbing light reflections from a metal push tab
- Approved latch lock system
- Isolated to panel ground
- Complies with Class D according to TIA / EIA 568B and ISO / IEC 11801 standard
- Vertical space saving compared to standard push tabs
- Easier to use push tab with larger push area

## Technical Information

Product	
<b>Title</b>	NE8FAH-ESD
<b>Connection Type</b>	RJ45
<b>Number of contacts</b>	8
<b>Gender</b>	Female

Electrical	
<b>Contact resistance</b>	< 10 mΩ
<b>Dielectric strength</b>	1 kVdc
<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>	< 50 V
<b>Transmission performance</b>	Class D
<b>Standard compliance</b>	TIA/EIA 586B, IEC11801

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 mounting
Chassis shape	A
Mounting	A-Screw

Material	
Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Insert	PBTP 15 % GR
Shell	PBTP 15 % GR

Environmental	
Flammability according to UL 94	V-0
Protection class according to IEC 60529	IP 40
Pollution degree according to IEC 60664-1	Pollution degree 2
Solderability	Complies with IEC 60068-2-20
Temperature range	-30 °C to +80 °C
Maximum operating temperature	+40 °C

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