



NE8FAH-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

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| <ul style="list-style-type: none">• Accommodates rugged etherCON NE8MX* or any standard RJ45 plug | <ul style="list-style-type: none">• Approved latch lock system |
| <ul style="list-style-type: none">• Most space saving and cost-effective design | <ul style="list-style-type: none">• Isolated to panel ground |
| <ul style="list-style-type: none">• Housing flammability UL94 V-0 | <ul style="list-style-type: none">• Complies with Class D according to TIA / EIA 568B and ISO / IEC 11801 standard |
| <ul style="list-style-type: none">• Compound material improves ESD performance | <ul style="list-style-type: none">• Vertical space saving compared to standard push tabs |
| <ul style="list-style-type: none">• Matte color of push tab eliminates disturbing light reflections from a metal push tab | <ul style="list-style-type: none">• Easier to use push tab with larger push area |

Technical Information

Product	
Title	NE8FAH-ESD
Connection Type	RJ45
Number of contacts	8
Gender	Female

Electrical	
Contact resistance	< 10 mΩ
Dielectric strength	1 kVdc
Frequency range	1 - 100 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1,5 A
Rated voltage	< 50 V
Transmission performance	Class D
Standard compliance	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