

NE8FAV-YK

Panel mount RJ45 receptacle with IDC terminals, A-Series cutout with latch lock, 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 NE8MC* or any standard RJ45 plug
- Approved latch lock system
- Most space saving and cost effective design
- CAT5e / Class D according to TIA/EIA 568C and ISO/IEC 11801
- Selectable ground - panel connection
- Easy and quick mounting using Krone punch down terminals
- PoE type 3 class 6 (60W) acc. IEEE 802.3bt

Technical Information

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Product	
Title	NE8FAV-YK
Gender	female

Electrical	
Contact resistance	< 50 mΩ
Dielectric strength	1 kVdc
Frequencyrange	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 568C channel specifications CLASS D acc. to ISO/IEC 11801 channel specifications
Power over Ethernet	PoE type 3 class 6 (60W) 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'
Wiresize	0.14 - 0.5 mm²
Wiresize	26 - 20 AWG
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
Strain relief	CuZn35Pb2, Tin plated
Locking element plating	Nickel

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Environmental	
Flammability	UL 94 V-0
Temperature range	-30 °C to +80 °C
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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