NE8FAV-Y110-DAE

Panel mount RJ45 receptacle, IDC 110 punch down terminals, A-Series cutout with latch lock system, 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 NE8MX* or any standard RJ45 plug

✓ Most space saving and cost effective design

✓ Selectable ground - panel connection

✓ Compound material of push tab improves ESD protection

✓ Approved latch lock system

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- ✓ CAT5e / Class D according to TIA/EIA 568C and ISO/IEC 11801

- ✓ Easy and quick mounting using 110 type punch down terminals

- ✓ PoE type 3 class 6 (60W) acc. IEEE 802.3bt

Technical Information

Product	
Title	NE8FAV-Y110-DAE
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 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")
Wire size	0.14 - 0.5 mm²
Wiresize	26 - 20 AWG
Wiring	IDC 110 punch down terminals
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)
Locking element	HPPA
Shell	PBT D202G30

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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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