NE8FDV-Y110-B

Panel mount receptacle with IDC 110 punch down terminals, black D-shape metal flange with latch lock, max. panel thickness 4 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 D-Series offers the most rugged design of the etherCON series and is perfectly suitable for panel mount and the installer market.

Attention! Does not intermate with CAT6 cable connector NE8MC6-MO and NKE6S* cables.

Features & Benefits

- Accommodates NE8MC* or any standard RJ45 plug
- Approved latch lock system
- Mountable from the front or rear of the panel
- CAT5e according to ISO/IEC 11801 and TIA/EIA 568A/B
- Selectable ground - panel connection
- Easy and quick mounting using 110 type punch down terminals
- PoE type 3 class 6 (60W) acc. IEEE 802.3bt

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Technical Information

Product	
Title	NE8FDV-Y110-B
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 568A/B component specifications CAT5e acc. to ISO/IEC 11801 component 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. 4 mm 0.16'
Wiresize	0.14 - 0.5 mm²
Wiresize	26 - 20 AWG
Wiring	IDC 110 punch down terminals
Locking device	Latch lock
Chassis shape	D

Material

Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Insert	PBTP 15 % GR
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Black KTL
Strain relief	CuZn35Pb2, Tin plated

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)