



## NE8FDV-YK-B

Panel mount receptacle with IDC punch down terminals, black D-sized 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
- Mountable from the front or rear of the panel
- Selectable ground - panel connection
- Approved latch lock system
- Complies with Cat 5e according to TIA / EIA 568B and ISO / IEC 11801 standard
- Easy and quick mounting using Krone punch down terminals

## Technical Information

Product	
Title	NE8FDV-YK-B
Gender	female

Electrical	
Contact resistance	< 10 mΩ
Dielectric strength	1 kVdc
Frequencyrange	1 - 100 MHz
Insulation resistance	> 0.5 GΩ
Rated current per contact	1,5 A
Rated voltage	< 50 V
Transmission performance	CAT 5e
Standard compliance	TIA/EIA 586B, IEC11801

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 mm <sup>2</sup>
Wiresize	26 - 20 AWG
Locking device	Latch lock
Chassis shape	D

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

Environmental	
<b>Flammability</b>	UL 94 V-0
<b>Temperature range</b>	-30 °C to +80 °C