



## NE8FDH-C5e

Horizontal C5e component compliant PCB panel mount RJ45 receptacle, D-shape metal flange with latch lock, max. panel thickness 4 mm, mounting screws not 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
- Ground-panel connection
- Complies with CAT5e according to TIA / EIA 568B and ISO / IEC 11801 standard
- Mountable from the front or rear of the panel

**Technical Information**

Product	
<b>Title</b>	NE8FDH-C5e
<b>Gender</b>	female

Electrical	
<b>Contact resistance</b>	< 10 mΩ
<b>Dielectric strength</b>	1 kVdc
<b>Frequencyrange</b>	1 - 100 MHz
<b>Insulation resistance</b>	> 0.5 GΩ
<b>Rated current per contact</b>	1.5 A
<b>Rated voltage</b>	< 50 V
<b>Transmission performance</b>	CAT 5e
<b>Standard compliance</b>	TIA/EIA 586B, IEC11801

Mechanical	
<b>Insertion force</b>	≤ 20 N
<b>Withdrawal force</b>	≤ 20 N
<b>Lifetime</b>	> 1000 mating cycles
<b>Panel thickness</b>	max. 4 mm 0.16"
<b>Wiresize</b>	
<b>Wiring</b>	Horizontal PCB mount
<b>Locking device</b>	Latch lock
<b>Chassis shape</b>	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>	Nickel

**Environmental**

<b>Flammability</b>	UL 94 V-0
<b>Solderability</b>	Complies with IEC 68-2-20
<b>Temperature range</b>	-30 °C to +80 °C

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