

NEUTRIK



NE8FDH-C5E-TOP

Horizontal C5E component compliant PCB panel mount RJ45 receptacle, combined with sealing kit SE8FD-TOP, 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 lighting 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 and Benefits

- TRUE OUTDOOR PROTECTION according to IP65 & UL50E
 - Uses high impact UV-resistant and gasket materials
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- Outdoor protection when mated with NE8MX-TOP or sealing cap closed
 - Accommodates NE8MCX* or any standard RJ45 plug
 - Class D or CAT5e according to ISO/IEC 11801 and TIA/EIA
 - Approved latch lock system
 - Mountable from the front of the panel
 - Ground panel connection
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Technical Information

Product	
Title	NE8FDH-C5e-TOP
Gender	female
Electrical	
Contact resistance	< 10 mΩ
Dielectric strength	1 kVdc
Frequency range	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"
Wiring	Horizontal PCB mount
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	Chromium

Environmental

Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C
Protection class	IP64, UL50E (mated or sealing cap closed)

Accessories



SCCD-W