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NE8FDP-TOP

RJ45 feedthrough receptacle, combined with sealing kit SE8FD-TOP, D-shape metal flange with the latch lock, mounting screws included.

The etherCON series is a ruggedized and lockable RJ45 connector system, optimized for pro audio, video and lighting network applications with IP65 rating and UL 50E certification. 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

- IP65 rating and certified outdoor protection to UL 50E (in combination with NE8MX-TOP or sealing cap closed)

- Accomodates NE8MCX* or any standard RJ45 plug

- Approved latch lock system

- Ground panel connection

- Uses high impact UV-resistant and gasket materials

- Class D or CAT5e according to ISO/IEC 11801 and TIA/EIA

- Mountable from the front of the panel

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Technical Information

Product	
Title	NE8FDP-TOP
Type	Chassis
Connection Type	etherCON
Gender	female

Electrical	
Contact resistance	< 50 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

Mechanical	
Insertion force	≤ 20 N
Withdrawal force	≤ 20 N
Lifetime	1000 mating cycles
Panel thickness	2 mm - 4 mm , 0.08" - 0.16"
Wiring	Feedthrough
Locking device	Latch lock
Chassis shape	D

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Material	
Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Chromium

Environmental	
Flammability	UL 94 V-0
Standard compliance	TIA/EIA 586B, IEC11801
Temperature range	-30 °C to +80 °C
Protection class	IP65, UL50E enclosure type 4 (mated or sealing cap closed)