



# NEUTRIK

NE8FDV-Y110-B



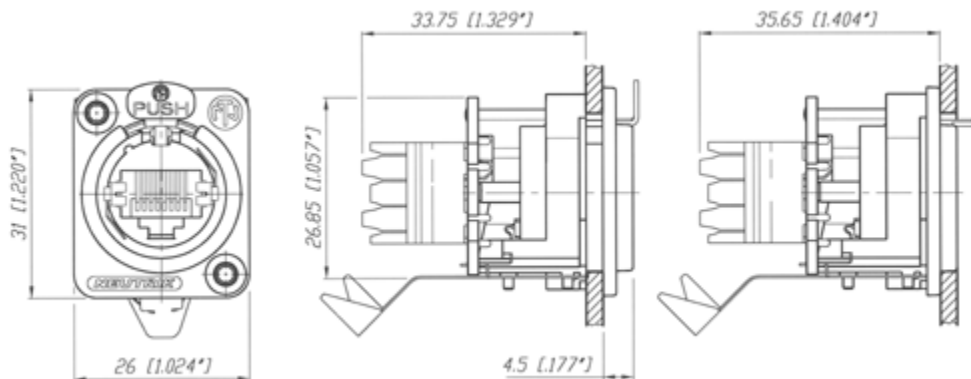
The etherCON Series is a ruggedized and lockable RJ45 connector system, optimized for proaudio, video and lightning network applications. The chassis connectors are shaped to fit into standardized panels out of the entertainment industry.

The D-Series offers the most rugged design of the etherCON series and is perfectly suitable for panel mount and the installer market.

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.

#### Features & Benefits

- Accommodates NE8MC\* or any standard RJ45 plug
- Approved latch lock system
- Mountable from the front or rear of the panel
- Complies with Cat 5e according to TIA / EIA 568B and ISO / IEC 11801 standard
- Selectable ground - panel connection
- Easy and quick mounting using 110 type punch down terminals



Product	
Connector Type	RJ45
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"
Wire size	0.14 - 0.5 mm <sup>2</sup>
Wire size	26 - 20 AWG
Wiring	IDC 110 punch down terminals (2 mounting screws included)
Locking device	latch lock
Mounting direction	front & rear
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 chromium
Strain relief	CuZn35Pb2, Tin plated
Environmental	
Flammability	UL 94 V-0
Temperature range	-30 °C to +80 °C