

NE8FBH-C5-LED1

Horizontal PCB mount RJ45 receptacle, CAT5e, two light pipes for SMD-LEDs, B-Series cutout with latch lock, max. panel thickness 3 mm

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 B-Series offers a space saving design and a rugged metal front plate.

Attention! Does not intermate with CAT6 cable connectors.

Features & Benefits

- Accommodates rugged etherCON NE8MC* or any standard RJ45 plug
- Approved latch lock system
- Ground panel connection
- PoE+ compliant according to 802.3at Type2
- CAT5e performance according to ISO/IEC 11801 and TIA/EIA 568-C.2

Technical Information [hide](#)

Product

Title NE8FBH-C5-LED1

Gender female

Electrical

Contact resistance < 10 mΩ (inner)

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 CAT5e, acc. TIA/EIA 568C.2, IEC11801

Power over Ethernet PoE+ acc. IEEE 802.3at

Mechanical

Insertion force ≤ 20 N

Withdrawal force ≤ 20 N

Lifetime > 1000 mating cycles

Panel thickness max. 3 mm (0.12")

Wiring Horizontal PCB mount

Locking device Latch lock

Mounting direction rear

Chassis shape B

Material



Image gallery



Contact plating	0.2 µm Au over Ni plating
Contacts	Bronze (CuSn8)
Shell	PBT D202G30
Environmental	
Flammability	UL 94 V-0
Solderability	Complies with IEC 68-2-20
Temperature range	-30 °C to +80 °C