



## NE8FDP

RJ45 feedthrough receptacle, 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 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
- Mountable from the front or rear of the panel
- Approved latch lock system
- Complies with Cat 5e according to TIA / EIA 568B and ISO / IEC 11801 standard

**Technical Information**

| Product |        |
|---------|--------|
| Title   | NE8FDP |
| 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"      |
| Wiresize         |                      |
| Wiring           | Feedthrough          |
| 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   | Nickel                    |

**Environmental**

|                          |                  |
|--------------------------|------------------|
| <b>Flammability</b>      | UL 94 V-0        |
| <b>Temperature range</b> | -30 °C to +80 °C |