



## NE8FDX-P6-W

D-shape CAT6<sub>A</sub> panel connector, shielded, feedthrough, with rubber sealing, IP65 when mated, black housing

Attention! Does not intermate with CAT6 cable connector NE8MC6-MO and NKE6S\* cables.

### Features & Benefits

- Ruggedized connector with CAT6A component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- Rugged latch lock system million fold proven
- Intermateable with the existing etherCON CAT5 range
- CAT6e / Class EA according to TIA/EIA 568C and ISO/IEC 11801
- PoE type 4 class 8 (100W) acc. IEEE 802.3bt
- IP65 ingress protection in mated condition and unmated when sealing cap is closed
- Shielded system - high noise immunity and EMI protection

## Technical Information

Product	
Title	NE8FDX-P6-W
Gender	female

Electrical	
Dielectric strength	1 kVdc
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Rated voltage	≤ 57 V
Transmission performance	CAT6A acc. to TIA/EIA 568C channel specifications CLASS EA acc. to ISO/IEC 11801 channel specifications
Power over Ethernet	PoE type 4 class 8 (100W) acc. IEEE 802.3bt

Mechanical	
Lifetime	> 1000 mating cycles
Wiresize	
Wiring	Feedthrough
Locking device	Latch lock
Mounting direction	Front mounting

Material	
Contact plating	Au
Gasket	Rubber (EPDM)
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL
Locking element plating	Nickel

Environmental	
Flammability	UL 94 V-0 EN 45545 R26
Protection class	IP 65
Temperature range	-40 °C to + 70 °C
Standard compliance	ISO/IEC 11801-1 Ed. 1.0 (2017-11) IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-99-002 Ed.2.0 (2022-01) IEC 60512-9-3 (2011-06) EN 45545-2:2020+A1:2023 (R26, clause 4.2, clause 4.3.2)