



NE8FDX-P6-W

D-shape CAT6_A 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 CAT6_A component compliance
- ✓ 10 Gbit/s (CAT6A) transmission speed
- ✓ PoE type 4 class 8 (100W) acc. IEEE 802.3bt
- ✓ Rugged latch lock system million fold proven
- ✓ IP65 ingress protection in mated condition and unmated when sealing cap is closed
- ✓ Intermateable with the existing etherCON CAT5 range
- ✓ 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	10 Gbit/s (CAT6A)
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)