NEUTRIK



NE8FDX-P6

D-shape CAT6$_A$ panel connector, shielded, feedthrough, Nickel housing

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

Features & Benefits

- Ruggedized connector with CAT6A 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
- Intermateable with the existing etherCON CAT5 range
- Shielded system - high noise immunity and EMI protection

Technical Information

Product	
Title	NE8FDX-P6
Gender	female

All rights reserved / 03.11.2026

NEUTRIK

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
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Locking element plating	Nickel

All rights reserved / 03.11.2026

Environmental	
Flammability	UL 94 V-0 EN 45545 R26
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)

All rights reserved / 03.11.2026