NEUTRIK

NE8FDX-P6-B

D-shape CAT6$_A$ panel connector, shielded, feedthrough, black 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-B
Gender	female

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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 planting	Black KTL
Locking element plating	Nickel

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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)

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