

NE8FDX-Y6-W

D-shape CAT6A panel connector, shielded, IDC termination with rubber sealing, IP65 when mated, nickel 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
- PoE+ compliant according to 802.3at Type2
- 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

Image gallery



Technical Information [hide](#)

Product

Title	NE8FDX-Y6-W
Gender	female

Electrical

Dielectric strength	1 kVdc
Insulation resistance	> 0.5 GΩ
Rated current per contact	1.5 A
Transmission performance	CAT6A, acc. TIA/EIA rating CAT6A, acc. IEC/ISO/EN rating
Power over Ethernet	PoE+ acc. IEEE 802.3at

Mechanical

Lifetime	> 1000 mating cycles
Wiresize	solid: AWG 26/1 - AWG 22/1 stranded: AWG 26/7 - AWG 22/7
Locking device	Latch lock
Mounting direction	Front mounting
Insulation diameter	0.85 - 1.6 mm

Material

Contact plating	Au
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Shell

Zinc diecast (ZnAl4Cu1)

Environmental

Flammability

UL 94 V-0 (not applicable for the rubber sealing)

Protection class

IP 65

Temperature range

-40 °C to + 70 °C

Accessories

HX-CAT6A

