

NE8FDX-Y6-W

D-shape CAT6_A panel connector, shielded, IDC termination with rubber sealing, IP65 when mated, nickel housing

Attention! Does not intermate with CAT6 cable connectors.

Available from June 2015



Features & Benefits

- Ruggedized connector with CAT6_A 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 - Dust and waterproof in combination with NE8MX6*
- Intermateable with the existing etherCON CAT5 range
- Shielded system - high noise immunity and EMI protection

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	CAT6 _A , acc. TIA/EIA rating CAT6 _A , acc. IEC/ISO/EN rating
Power over Ethernet	PoE+ acc. IEEE 802.3at
Mechanical	
Lifetime	> 1000 mating cycles
Locking device	Latch lock
Wiring	IDC Wire size (solid): 0.128 - 0.324 mm ² (AWG 26/1 - AWG 22/1) Stranded wire: 0.111 - 0.355 mm ² (AWG 27/7 - AWG 22/7)
Material	
Contact plating	Au
Gasket	Rubber (EPDM)
Shell	Zinc diecast (ZnAl4Cu1)
Environmental	
Flammability	UL 94 V-0
Protection class	IP 65 (in combination with NE8MX-6*)
Temperature range	-40 °C to + 70 °C

Accessories

HX-CAT6A

