



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 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
- Rugged latch lock system million fold proven
- Intermateable with the existing etherCON CAT5 range
- PoE++ compliant according to 802.3bt Type4
- IP65 ingress protection in mated condition and unmated when sealing cap is closed
- Shielded system - high noise immunity and EMI protection

Technical Information

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 802.3bt

Mechanical	
Lifetime	> 1000 mating cycles
Wire size	
Wire size	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
Gasket	Rubber (EPDM)
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