



## NE8FDX-Y6-W

D-shape CAT6<sub>A</sub> panel connector, shielded, IDC termination with rubber sealing, IP65 when mated, black chrom 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	
<b>Title</b>	NE8FDX-Y6-W
<b>Gender</b>	female

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

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

Material	
<b>Contact plating</b>	Au
<b>Gasket</b>	Rubber (EPDM)
<b>Shell</b>	Zinc diecast (ZnAl4Cu1)

Environmental	
<b>Flammability</b>	UL 94 V-0 (not applicable for the rubber sealing)
<b>Protection class</b>	IP 65
<b>Temperature range</b>	-40 °C to + 70 °C

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