NE8MX6-B

etherCON CAT6$_A$ cable connector self-termination, for insulation diameter > 1.1 mm, black plating

The set NE8MX6-B includes a cable plug carrier offering a robust metal shell, proven Neutrik chuck-type strain relief and a CAT6$_A$ RJ45 plug. The set is suitable for a cable diameter range of 7 mm to 9.5 mm and wire gauge of AWG24/1 - AWG22/1 (solid) or AWG24/7 - AWG22/7 (stranded).

Attention! Does not intermate with the CAT6 chassis connectors NE8FDY-C6 and NE8FDY-C6-B.

If the insulation diameter is ≤ 1.1 mm please refer to NE8MX-B-T.

Features & Benefits

- Ruggedized connector with CAT6A component compliance according to ISO / IEC 11801 and TIA / EIA 568-C.2
- PoE++ compliant according to 802.3bt Type4
- IP 65 protected when mated with NE8FDX-P6-W or NE8FDX-Y6-W
- Rugged latch lock system million fold proven
- Intermateable with the existing etherCON CAT5 range
- Unique Neutrik chuck-type strain relief

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Technical Information

Product	
Title	NE8MX6-B
Gender	male

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	
Cable O.D.	7.0 - 9.5 mm
Lifetime	> 1000 mating cycles
Wiresize	AWG 24/1 - AWG 22/1 (solid)
	AWG 24/7 - AWG 22/7 (stranded)
Locking device	Latch lock
Insulation diameter	1.1 - 1.6 mm

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Material

Bushing	PA / PU
Contact plating	Au
Shell	Zinc diecast (ZnAl4Cu1)
Shell coating	Black KTL
Strain relief	POM

Environmental

Protection class	IP 65 (in combination with NE8FDX-*6-W)
Temperature range	-40 °C to +70 °C

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