

NE8MX6-T

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

The set NE8MX6 consists of a cable plug carrier offering a robust metal shell, proven Neutrik chuck-type strain relief and a CAT6$_A$ compliant RJ45 plug. The set is suitable for a cable diameter range of 7 mm to 9.5 mm and wire gauge of AWG26/1 - AWG24/1 (solid) or AWG27/7 - AWG24/7 (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 NE8MX6.

Features & Benefits

- Ruggedized connector with CAT6$_A$ component compliance according to ISO/IEC 11801 and TIA/EIA 568-C.2
- PoE++ compliant according to 802.3bt Type4
- IP65 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

Technical Information

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NEUTRIK

Product	
Title	NE8MX6-T
Connection Type	etherCON
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 mm - 9.5 mm
Lifetime	> 1000 mating cycles
Wiresize	AWG26/1 - AWG24/1 (solid)
	AWG27/7 - AWG24/7 (stranded)
Locking device	Latch lock
Insulation diameter	0.85 - 1.1 mm

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Material	
Bushing	PA / PU
Contact plating	Au
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
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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