

NE8MX6

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 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 [NE8MX6-T](#).

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
- 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 [hide](#)

Product

Title	NE8MX6
Gender	male

Electrical

Dielectric strength	1 kVdc
Insulation resistance	> 0.5 G Ω
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

Cable O.D.	7.0 - 9.5 mm
Lifetime	> 1000 mating cycles
Wiresize	AWG
Locking device	Latch lock
Insulation diameter	> 1.10 - 1.60 mm

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

Accessories

HTXX-14



HX-CAT6A



XXR-*



XXCR



8MX6

