

## NE8MX6

etherCON CAT6A cable connector self-termination, nickel plating

The set NE8MX6 consists of a cable plug carrier offering a robust metal shell, proven Neutrik chuck-type strain relief and a CAT6A compliant RJ45 plug. The set is suitable for a cable diameter range of 7 mm to 9.5 mm and wire gauge of AWG 27 to 22 solid or stranded wire.



Attention! Does not intermate with CAT6 chassis connectors.

**Available from June 2015**

### Features & Benefits

- Ruggedized connector with CAT6A 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 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 802.3at
Mechanical	
Cable O.D.	7.0 - 9.5 mm
Lifetime	> 1000 mating cycles
Locking device	Latch lock
Wiring	IDC Wire size (solid): 0.128 - 0.324 mm <sup>2</sup> (AWG 26/1 - AWG 22/1) Stranded wire: 0.111 - 0.355 mm <sup>2</sup> (AWG 27/7 - AWG 22/7)
Material	
Bushing	PA / PU
Contact plating	Au
Shell	Zinc diecast (ZnAl4Cu1)
Shell plating	Nickel
Strain relief	POM

**Environmental**

Flammability	UL 94 V-0
Protection class	IP 65 (in combination with NE8FDX-*6-W)
Temperature range	-40 °C to +70 °C

**Accessories****HX-CAT6A**