

# NE8MX6-B-T

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

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-B.

## 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-B-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<br>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 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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