

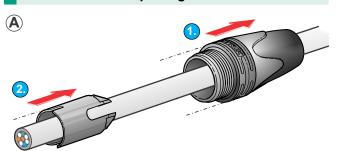
ASSEMBLY INSTRUCTION

etherCON | NE8MX-T* - CAT6A Cable Connector

Tools: • HX-CAT6A or pliers wrench

• Wire cutter

Cable pulling lubricant



Insulation Diameter: > 0.85 - 1.10 mm

A Slide the boot (1.) and the chuck (2.) onto the cable.

To ease the boot assembly apply some cable pulling lubricant to the cable ends.



- **B** 1. Prepare the cable as shown and strip the jacket at a length of 40 mm.
- 2. A S / FTP
 - B U / FTP
 - © SF / UTP
- 3 6 mm
- 4.

2. A. S/FTP

Cut off braided shield to approx 10 mm and fold the shield backwards.

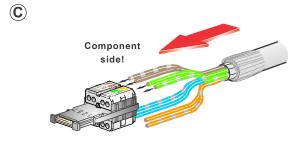
B. U/FTP

Remove the foil of the paired wires and bend back the drain wire for easier handling during assembly. Drain wire to be used for grounding.

C. SF / UTP

Cut off braided shield to approx 10 mm and fold the shield backwards. Cut and remove the foil screen.

- 3. Remove the pair screening (if existing) to max. 6 mm.
- 4. Presort and untwist the pairs as shown.
- C Insert the wires into the designated position of the wire management as per below wiring scheme, either T568A or T568B

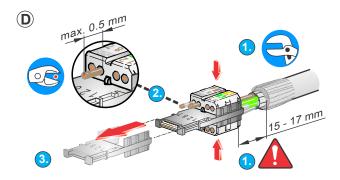


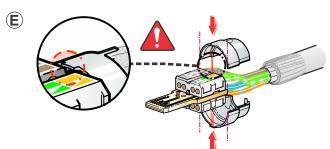
Component side!		
1 2 8 7		
3 6 4 5		

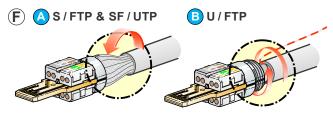
Connection			
Color T568A	r code T568B	RJ 45 PIN No.	
W - G	W - O	1	
G	0	2	
W - O	W - G	3	
BL	BL	4	
W - BL	W - BL	5	
0	G	6	
W - BR	W - BR	7	
BR	BR	8	

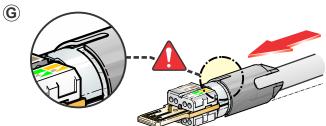
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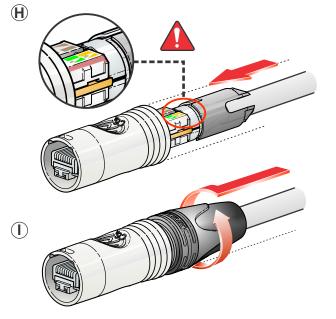












Use HX-CAT6A or pliers wrench to press the wire management together.

Distance between the cable jacket and the wire management shall not exceed 15 - 17 mm.

- 2. Cut all wires with a wire cutter. Allow wires to protrude max. 0.5 mm.
- 3. Remove the assembly guidance.
- (E) Position the ground-shells over the wires as shown.

Attention:

Align the coding nibs of the ground shells to the grooves in between the wire pairs in the wire management.

- (**F**) **A**. Put the cable-shield over the ground shell and distribute the shield wires circumferentially.
 - B. Put the drain wire over the ground shell and wrap the drain wire circumferentially.
- Slide the chuck over the cable-shield / drain wire and the ground shell towards the end-position.

Attention:

Align the slots of the chuck to the ribs of the ground shell.

(H) Slide the pre assembled cable (step G) into the housing.

Attention:

Align the side of the wire management with wire numbers 1/2, 8/7 to the side of the housing that has the Neutrik logo and the slot.

Slide the gasket onto the chuck.

(I) Finish the installation by turning the bushing onto the connector.

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Draft. Nr.: BDA 462 | Update: 21.03.2017 | Data subject to change without p

