

# **ASSEMBLY INSTRUCTION**

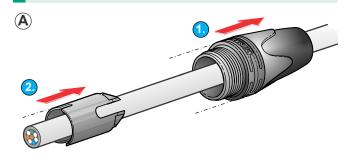
# etherCON | NE8MX6\* - CAT6A Cable Connector

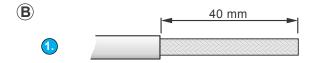
Tools: ● HX-CAT6A or pliers wrench

Wire cutter

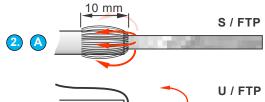
Wire size: Solid: AWG 24/1 - AWG 22/1 Stranded: AWG 24/7 - AWG 22/7 Insulation Diameter: > 1.10 - 1.60 mm

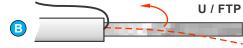
A Slide the boot (1.) and the chuck (2.) onto the cable.

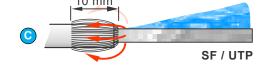


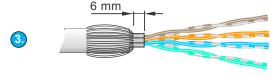


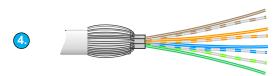
**B** 1. Prepare the cable as shown and strip the jacket at a length of 40 mm.











## 2. A. S/FTP

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

# B. U/FTP

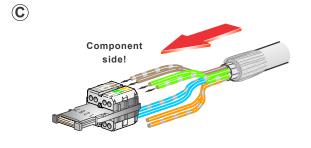
Remove the foil of the paired wires and bend back the drain wire for easier handling during assembly.

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.
- © Insert the wires into the designated position of the wire management as per below wiring scheme, either T568A or T568B

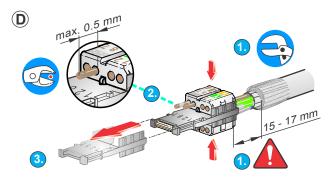


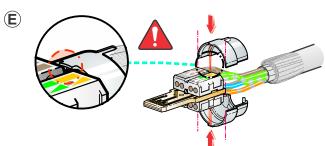
Component side!		
1 2 8 7		
••••		
3 6 4 5		

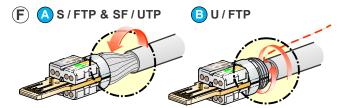
Connection			
Color T568A	r code T568B	RJ 45 PIN No.	
W - G	W - O	1	
G	0	2	
W - O	W - G	3	
BL	BL	4	
W - BL	W - BL	5	
0	G	6	
W - BR	W - BR	7	
BR	BR	8	

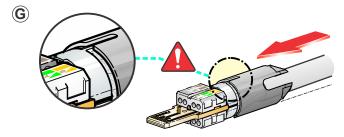
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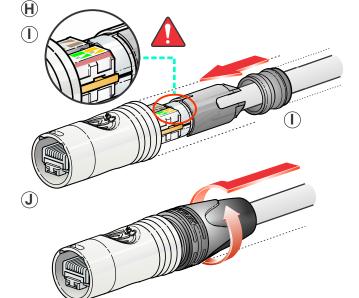












(D) 1. Use HX-CAT6A or pliers wrench to press the wire management together.

### Attention:

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 rip of the ground shell and the groove of 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 wire management keying with the connector housing. Neutrik logo to face upwards.

- (I) Slide the gasket onto the chuck.
- (J) Finish the installation by turning the bushing onto the connector.

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