

ADC Structured Cabling Solutions

KM8 Jack



KM8 Jack Installation Manual

The ADC KM8 Jack is a key element to the zero bit-error network performance warranty. The cable management system ensures reliable and consistent termination every time.

The cable manager holds cable pairs in place up to the termination point, preventing cable untwist and buckle, guaranteeing dependable and repeatable performance. ADC KM8 impedance matched Category 6 modular KM8 Jacks feature the advanced LSA-PLUS® 45° angled, silver-plated IDC contacts for secure, gas-tight connections. All four pairs terminate at once without a tool, reducing termination time and effort. These modular KM8 Jacks can be used in any of ADC's work area faceplates and modular patch panels.

INSTALLATION MANUAL

ADC KM8 Jack and Tools Required



Termination Cap,
KM8 Jack with colour
coded cable manager



Cable Sheath
Stripper



Precision Wire
Cutter





ADC Structured Cabling Solutions

KM8 Jack

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Installation Instructions for ADC KM8 Jack

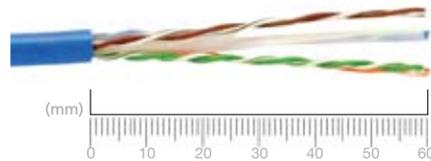
STEP 1: Separate components

Separate cable management piece from KM8 Jack.



STEP 2: Strip cable sheath

Approx 60mm wire should be stripped using the cable sheath stripper.



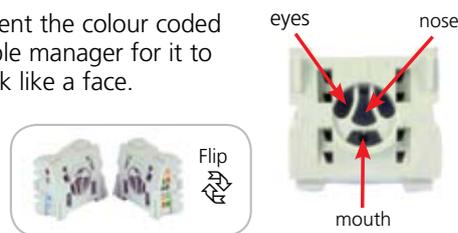
STEP 3: Remove cable spacer

Remove cable spacer as close as possible to the insulation, ensure no damage to the twisted copper pairs.



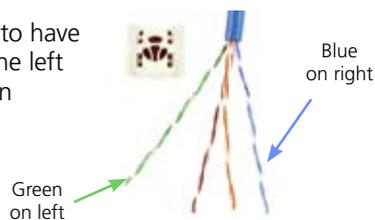
STEP 4: Colour Coded Cable manager

Orient the colour coded cable manager for it to look like a face.



STEP 5: Cable orientation (T568B)

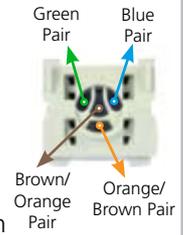
Turn cable to have green on the left and blue on the right.



STEP 6: Feed in Cables

Feed in the cables (4 coloured pairs) into the colour coded cable manager as shown in the diagram.

- Green Pair in the left eye
- Blue Pair in the right eye
- Brown/Orange Pair in the nose
- Orange/Brown Pair in the mouth



STEP 7: Check cable fit and orientation

Ensure the pairs have gone into the cable manager as per colour codes.



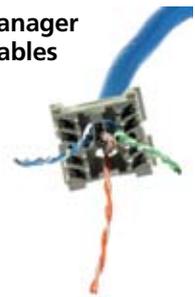
STEP 8: Slide cable manager fully back till it makes contact with the cable insulation

Ensure that the cable manager is fully fitted.



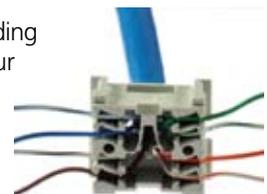
STEP 9: Turn the cable manager towards you to view the cables

Ensure the cable pairs are inserted correctly and lay the cable pairs as per colour codes into their corresponding wiring slots.



STEP 10: Fit Pairs into corresponding colour coded wiring slots

Fit pairs into corresponding wiring slots as per colour coding marked on the cable management piece.





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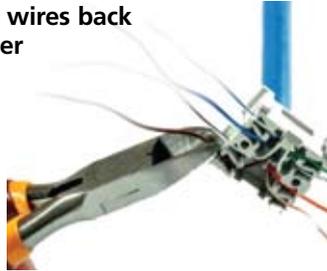
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STEP 11: Trim wires back to cable manager

The wires should be trimmed as close as possible to the cable manager.



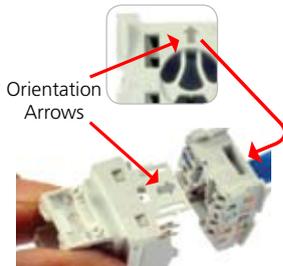
STEP 12: Cables trimmed

Wires must be flushed to the edge of cable manager.

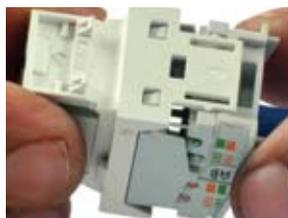


STEP 13: Line up KM8 Jack with cable manager

Notice the orientation (arrows) on the Cable management piece and the KM8 jack. Now place the cable manager on the LSA-PLUS® contacts of the KM8 Jack matching the arrows.



STEP 14: KM8 Jack clicks into first position



STEP 15: Cover the KM8 Jack with a Termination Cap

Press down gently to ensure the Termination Cap fits on the KM8 Jack.



STEP 16: Termination Cap Placement

The arched section of the Termination Cap goes over the KM8 Jack.



STEP 17: Removal of Termination Cap

After the termination, remove the end cap using a screw driver (before fixing on 4 Port and 6 Port Faceplate)

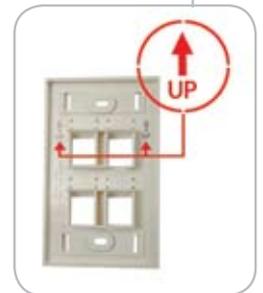
Note: Termination Cap can be retained for 1 or 2 port faceplates.



STEP 18: Faceplate Alignment

Align the KM8 Jack in line with the "UP" arrow as shown in the diagram.

NOTE: The notch of the KM8 Jack should be aligned to the top part of the keystone holder.



STEP 19: Fix the 4 KM8 Jacks into Faceplate.

Fix KM8 Jacks to the slots as shown in the picture.

KM8 Jack installation in faceplate is complete.



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