

## Canford Connect – Cat 6A Panel Mounted Sockets



- 46-0631 CANFORD CONNECT CC6A CAT6A Panel mounting, socket, shielded, nickel
- 46-0632 CANFORD CONNECT CC6AP CAT6A Panel mounting, socket, shielded, nickel (pack of 20)
- 46-0633 CANFORD CONNECT CC6AB CAT6A Panel mounting, socket, shielded, black
- 46-0634 CANFORD CONNECT CC6ABP CAT6A Panel mounting, socket, shielded, black (pack of 20)

Canford Connect ruggedized CAT6A RJ45 connectors designed in the tried and tested 'D-series' format permitting easy mounting in universal series panels or other pre-punched metalwork. Fully CAT6A, POE+ and 4PPoE IEEE 802.3 compliant enabling data transfer rates up to 10Gbits/s. The durable die-cast body with industry standard latch locking mechanism offers a secure and stable connection whilst eliminating EMI and cross talk ensuring optimal performance. Plug insertion tested over 750 mating cycles.

Not compatible with 6p4c RJ11 type plugs, 6p6c RJ12 type plugs or Neutrik NE8MC6-MO Cat6 Ethercon connectors.

### Technical Specifications:

|                       |  |   |
|-----------------------|--|---|
| Compliances           | IEEE standard for PoE+ and 4PPoE IEEE 802.3<br>Standard for high performance shielded 8 way connectors IEC 60603-7-51<br>Category 6A standard for Balanced Twisted-Pair Components TIA-568.2-D<br>Standard for generic premise cabling to Class EA/Cat 6A ISO/IEC 11801-1<br>Dual 568 A/B wiring |   |
| Suitable Cables       | Solid Conductor<br>Conductor Insulation<br>Overall Diameter  | 22 to 26 AWG<br>0.6mm to 1.52mm (Diameter)<br>6mm to 8.5mm  |
| Materials             | Internal connector<br>Housing<br>Contact plating   | Impact resistant, UV stabilised ABS+PC 94V0 plastic<br>Nickel-plated zinc alloy<br>50µ"/1.27µm gold over contact area |
| Colour                | Front panel flange   | Silver or Black   |
| Operating temperature | -40°C to 66°C  |   |
| Weight                | 44g  |   |
| Dimensions            | 26.18mm x 31.18mm x 41.38mm (approx. see drawing for more detailed information)  |   |

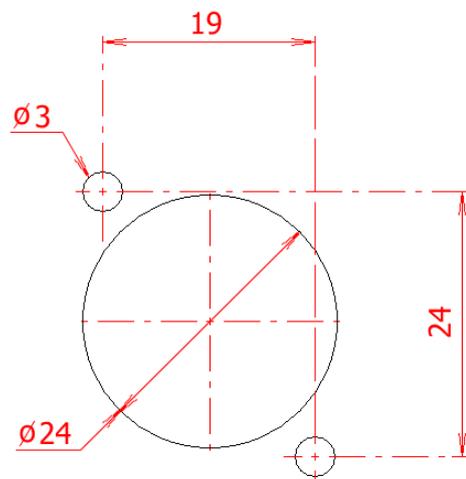
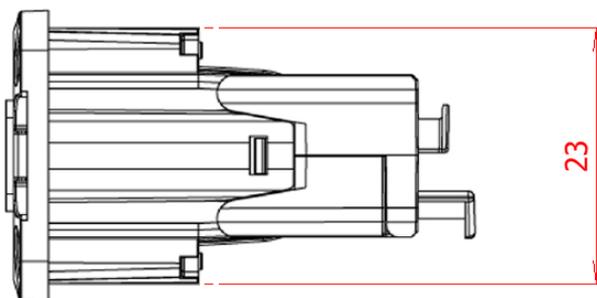
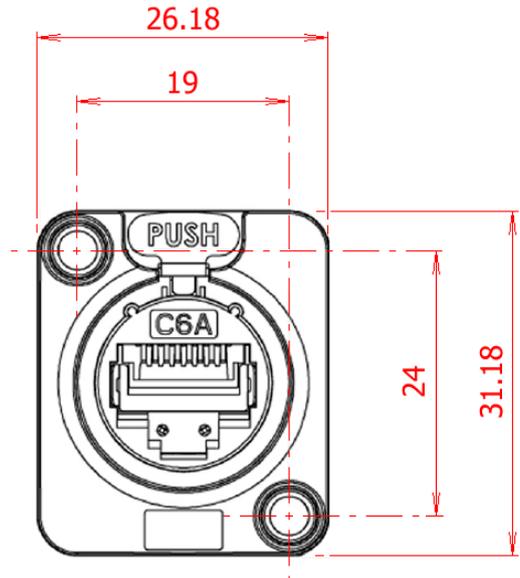
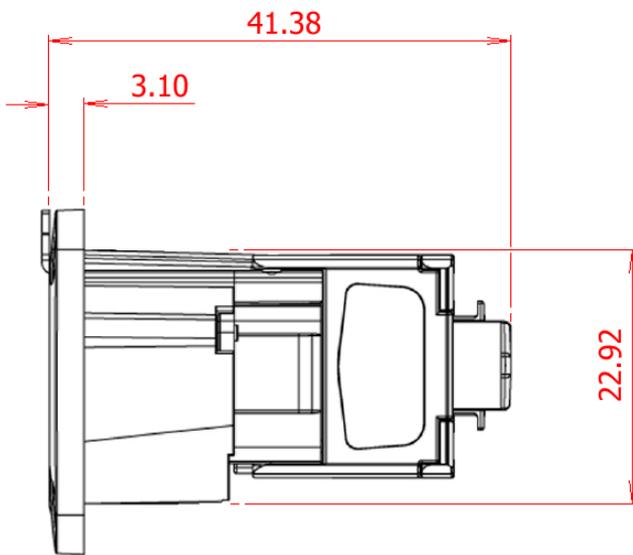
# Canford Connect – Cat 6A Panel Mounted Sockets

## Supply:

- 1x Panel mounting socket
- 1x Termination cap marked for TIA/EIA T568A wiring
- 1x Termination cap marked for TIA/EIA T568B wiring
- 1x Cable tie to secure cable to socket



## Connector Drawing:

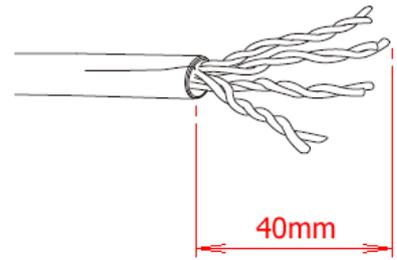


Not to Scale  
All Dims in mm

Panel Cut Out

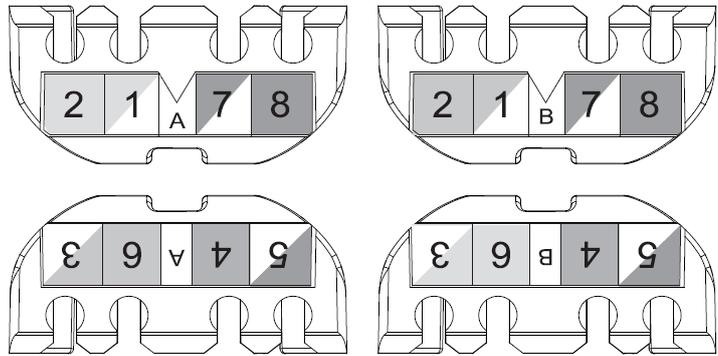
**Cable Termination/Assembly:**

1 Strip outer jacket by 40mm. Fold back the screen drain wire.

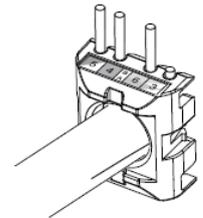


2 Choose the appropriate termination cap for the installation, either T586A or T586A.

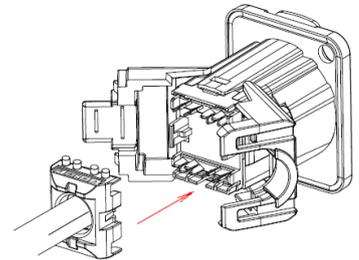
| Pin | TIA/EIA      |              |
|-----|--------------|--------------|
|     | T568A        | T568B        |
| 1   | White/Green  | White/Orange |
| 2   | Green        | Orange       |
| 3   | White/Orange | White/Green  |
| 6   | Orange       | Green        |
| 4   | Blue         |              |
| 5   | White/Blue   |              |
| 7   | White/Brown  |              |
| 8   | Brown        |              |



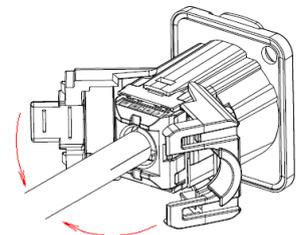
Insert cable into the cap and fan out all four twisted pairs. Following the colour code carefully, position the conductors into the slots. Trim back conductors.



3 On one side of the termination cap is an arrow which should be aligned with the corresponding arrow on the receptacle on the connector body. Press the termination cap into place onto the socket.



4 Close the socket housing firmly ensuring a good connection between the screen drain wire and the housing.



5 Secure the socket housing to the cable by fastening the cable tie.

