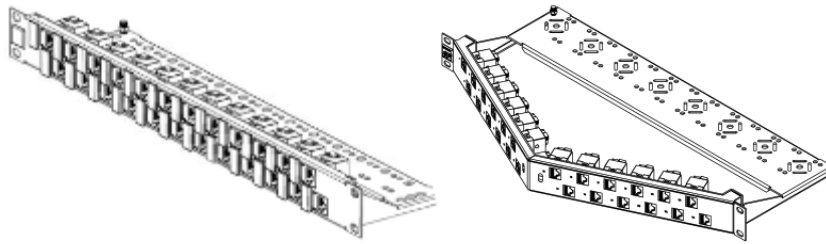


SHIELDED DATAGATE JACK (FTP PATCH PANEL)



1.0 SCOPE

This document provides installation instruction of Shielded Datagate Jack into Patch Panel

2.0 PRODUCT DESCRIPTION

Shielded Data gate Jack (FTP PATCH PANEL)

3.0 PROCEDURE

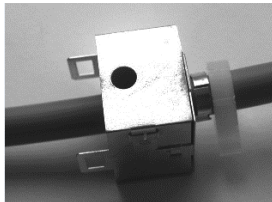
3.1 termination tool



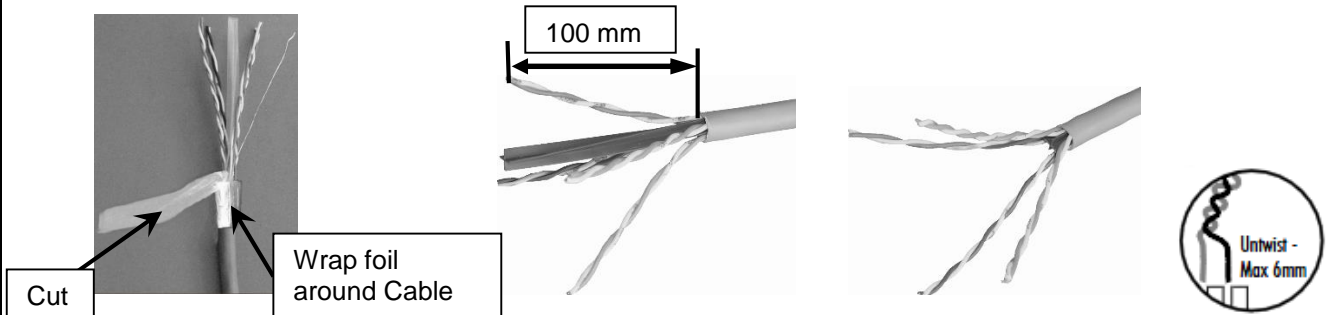
110-termination tool set on low impact

4.0 PREPARATION AND TERMINATION (TERMINATED WITH F/UTP CABLE)

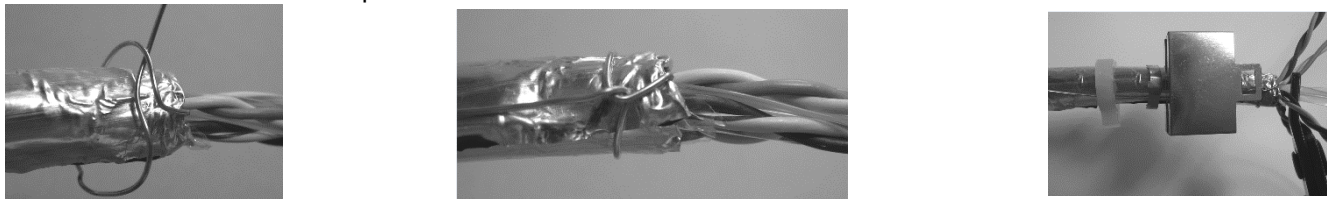
a) Slide plastic cable clamp and rear can on to cable



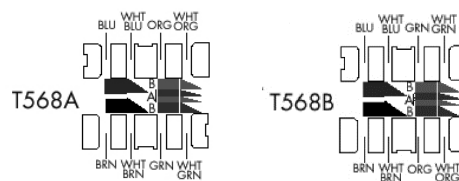
b) Remove 100mm of cable sheath. Cut central separator back to sheath. Cut cellophane wrap back to sheath. Wrap foil around cable.



c) Wrap drain wire around foil and tighten, leaving a length of drain wire available for wrapping around rear can cable clamp.



a) Wiring Map.

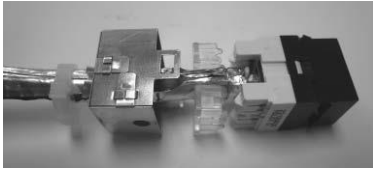


EC/ECM NO: 123363	SAP NO : 187000295	Doc No: AS-18700-010 Doc part: AS	REV- F
SAP EC NO: 10865968	http://www.molex.com/		DATE: 2017/NOV/17

- b) Terminate the jack before inserting it in front can.
- c) Ensure that the cable sheath maintained up to the connector.
- d) Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.



- e) Once terminated, the stuffer cap must fitted to the connector.



4.1 Fitting Can and Securing Cable (F/UTP)

- a) Slide the rear can over the front can. Ensure that the two halves are latched together securely.



- b) Ensure that sufficient foil and drain wire makes contact with rear metal collar. Trim off excess foil.



- c) Tighten the drain wire over the metal cable collar to maintain shield continuity.

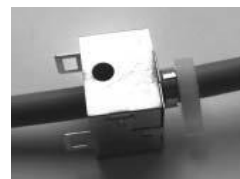


- d) Secure the cable with the plastic cable clamp placed and tightened over the metal cable collar.

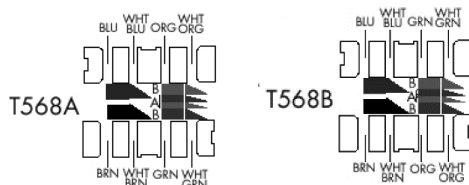


5.0 TERMINATED WITH S/FTP CABLE

- a) Preparation and termination (S/FTP)
- b) Slide plastic cable clamp and rear can on to cable.
- c) Remove 100mm of cable sheath.
- d) Remove foil from pairs of cable. Twist braid and wrap around the cable sheath



- e) Wiring Map.



f) Terminate cable ensuring that enough twisted braid is available to make contact when the rear can is fitted.



g) Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.

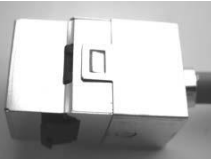


h) Fit stuffer cap after termination.



5.1 FITTING CAN AND SECURING CABLE (S/FTP)

i) Slide the rear can over the front can. Ensure that the two halves are latched together securely.



j) Wrap braid around the metal cable collar to maintain shield continuity.



k) Secure the cable and braid with the plastic cable clamp, place and tighten over the metal cable collar.



6.0 PREPARATION AND TERMINATION (U/FTP)

a) Slide plastic cable clamp and rear can on to cable.

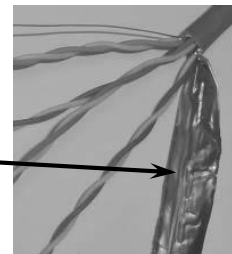


b) Remove 100mm of cable sheath.

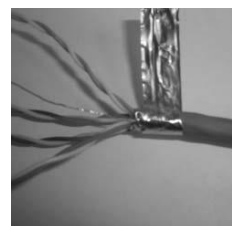


c) Remove 3 of the 4 foils from the cable pairs. Unwrap the foil from 1 pair in preparation for wrapping around the cable sheath.

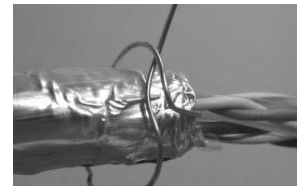
The dark side of foil is the non-conductive side. Ensure that this side faces the cable sheath when wrapped. The silver color is the conductive side and must face outward.



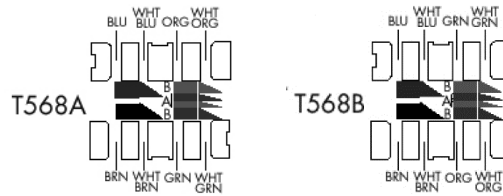
d) Wrap the foil around the sheath with the conductive side of the foil facing outward. Trim off excess foil.



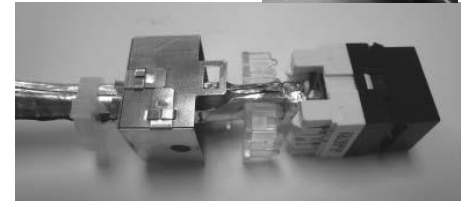
- e) Wrap drain wire around foil and tighten, leaving a length of drain wire available for wrapping around rear can cable clamp.



- f) Wiring Map.



- g) Terminate the jack before inserting it in front can.
- h) Ensure that the cable sheath is maintained up to the connector.
- i) Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.
- j) Once terminated, the stuffer cap must be fitted to the connector.



6.1 Fitting Can and Securing Cable (U/FTP)

- k) Slide the rear can over the front can. Ensure that the two halves are latched together securely.
- l) Ensure that sufficient foil and drain wire makes contact with rear metal collar. Trim off excess foil.



- m) Tighten the drain wire over the metal cable collar to maintain shield continuity.



- n) Secure the cable with the plastic cable clamp, placed and tightened over the metal cable collar.



7.0 ASSEMBLE SHIELDED JACK INTO PATCH PANEL

- a) Jack must be installed with latch facing to the right.



- b) Snap jack into aperture ensuring that the small latches engage first and the large latch engages last.



- c) Cable Dressing Dress cables on to cable management tray. Ensure that there is sufficient cable slack on the top row for adequate cable strain relief.

