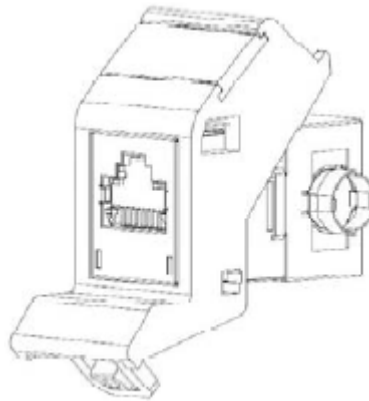


SHIELDED DATA GATE JACK



1.0 SCOPE

This document provides installation instructions of Shielded Data gate jack.

2.0 PRODUCT DESCRIPTION

Shielded Data gate Jack

3.0 REFERENCE DOCUMENTS

4.0 PROCEDURE

4.1 GENERAL REQUIREMENTS

4.2 ASSEMBLY INSTRUCTIONS

Terminated with F/UTP cable	page 2-5
Terminated with S/FTP cable	page 6-8
Terminated with U/FTP cable	page 8-11
Assembly.....	page 12

4.3 REMOVAL INSTRUCTIONS

Tools required.

110 TERMINATION TOOL SET ON LOW IMPACT.



MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 1 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

1. Wall Plate Installation

Fit grid-plate to back box or trunking with screws provided.



2. TERMINATED WITH F/UTP CABLE

2. Preparation and termination (F/UTP)

2a. Slide rear can and plastic cable clamp on to cable.

2b. 180° cable entry.



2c. 90° cable entry.



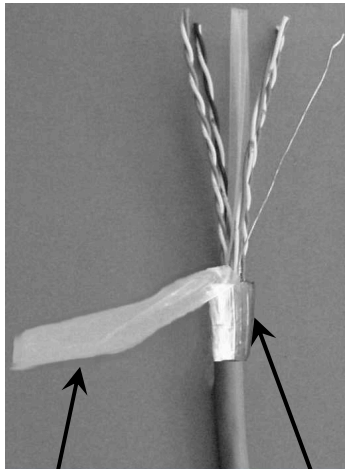
MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 2 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

2d. Remove can cut-out for 90° cable entry.

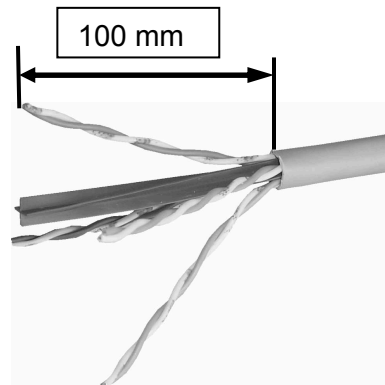


2e. Remove 100mm of cable sheath. Cut central separator back to sheath. Cut cellophane wrap back to sheath. Wrap foil around cable.



Cut

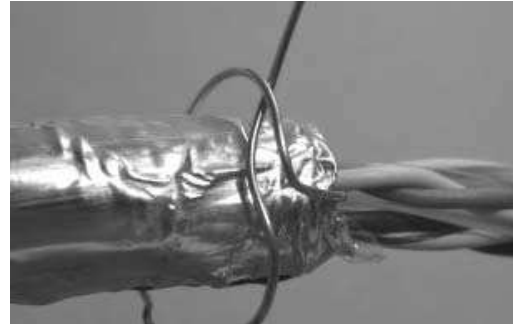
Wrap foil around cable



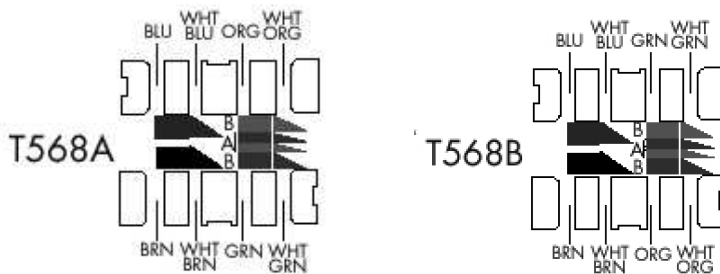
MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 3 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

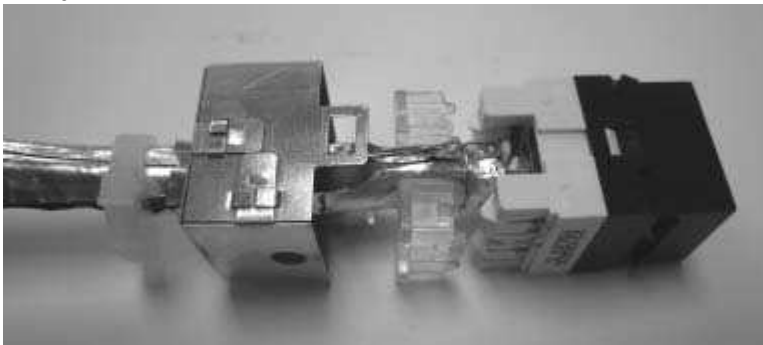
2f. Wrap drain wire around foil and tighten, leaving a length of drain wire available for wrapping around rear can cable clamp.



2g. Wiring Map



2h. Terminate the jack before inserting it in front can.
 2i. Ensure that the cable sheath is maintained up to the connector.
 2j. Once terminated, the stuffer cap must be fitted to the connector.



MPN NO.	SAP NO.
315-227	187000314

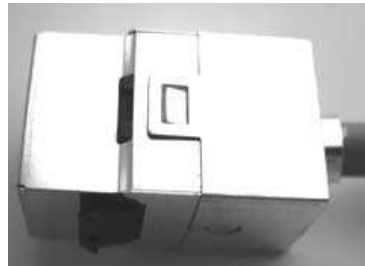
REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 4 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

2k. Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.



3 Fitting Can and Securing Cable (F/UTP)

3a. Slide the rear can over the front can. Ensure that the two halves are latched together securely.



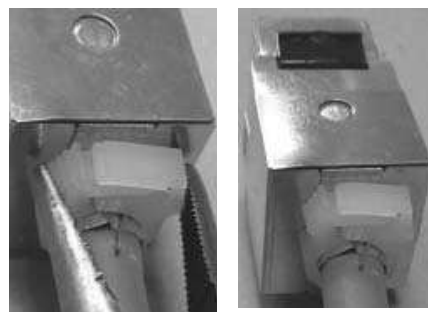
3b. Ensure that sufficient foil and drain wire makes contact with rear metal collar. Trim off excess foil.



3c. Tighten the drain wire over the metal cable collar to maintain shield continuity.



3d. Secure the cable with the plastic cable clamp, placed and tightened over the metal cable collar.



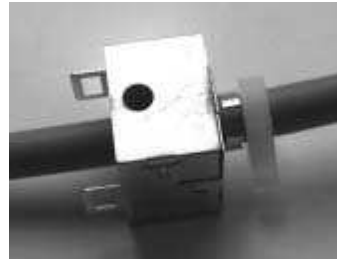
MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 5 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

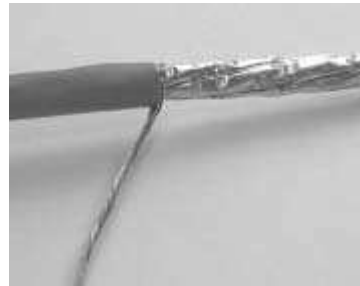
TERMINATED WITH S/FTP CABLE

4. Preparation and termination (S/FTP)

4a. Slide plastic cable clamp and rear can on to cable.



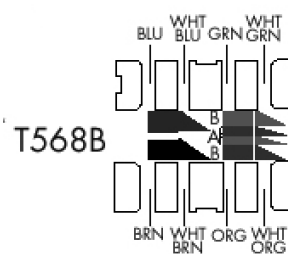
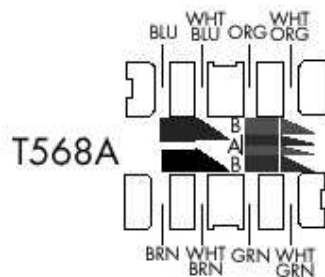
4b. Remove 100 mm of cable sheath.



4c. Remove foil from pairs of cable.
Twist braid and wrap around the cable sheath



4d. Wiring Map.



MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 6 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

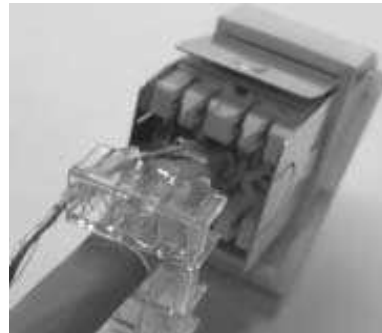
4e. Terminate cable ensuring that enough twisted braid is available to make contact when the rear can is fitted.



4f. Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.

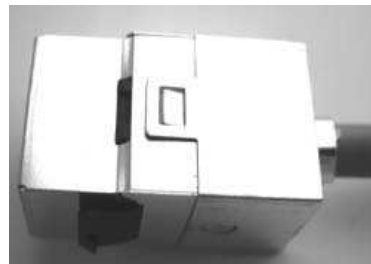


4g. Fit stuffer cap after termination.



5. Fiting Can and Securing Cable (S/FTP)

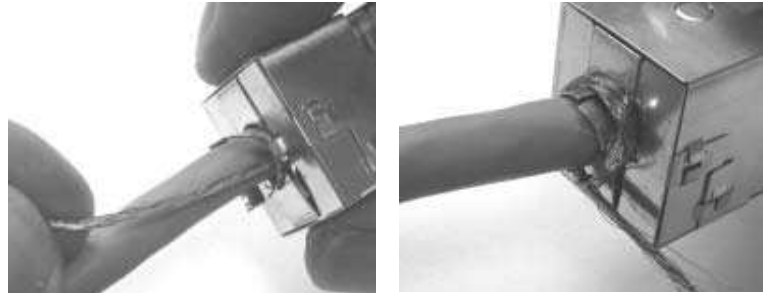
5a. Slide the rear can over the front can. Ensure that the two halves are latched together securely.



MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 7 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

5b. Wrap braid around the metal cable collar to maintain shield continuity.



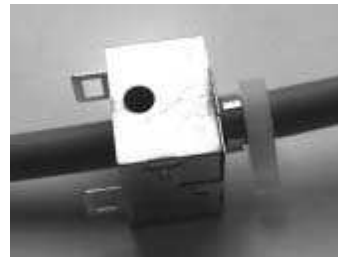
5c. Secure the cable and braid with the Plastic cable clamp, place and tighten Over the metal cable collar.



TERMINATED WITH U/FTP CABLE

6. Preparation and termination (U/FTP)

6a. Slide plastic cable clamp and rear can on to cable.



6b. Remove 100mm of cable sheath.

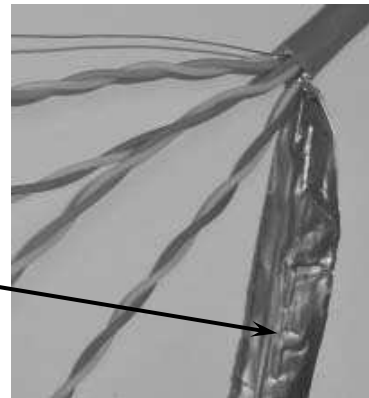


MPN NO.	SAP NO.
315-227	187000314

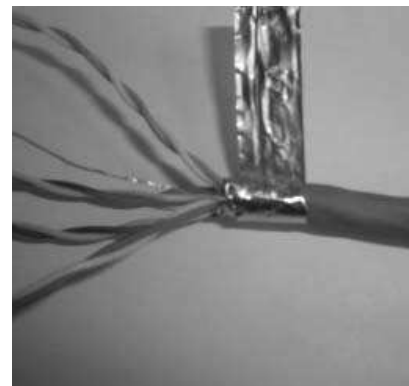
REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 8 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

6c. Remove 3 of the 4 foils from the cable pairs.
Unwrap the foil from 1 pair in preparation for Wrapping around the cable sheath.

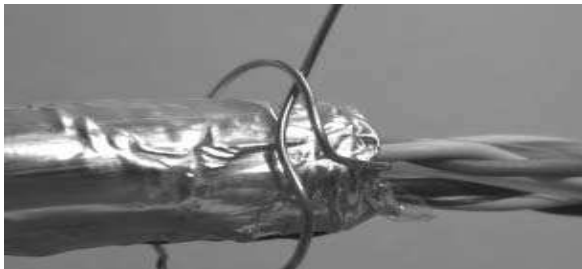
The dark side of foil is the non-conductive side. Ensure that this side faces the cable sheath when wrapped. The silver colour is the conductive side and must face outward.



6d. Wrap the foil around the sheath with the conductive side of the foil facing outward. Trim off excess foil.



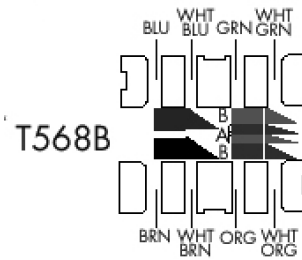
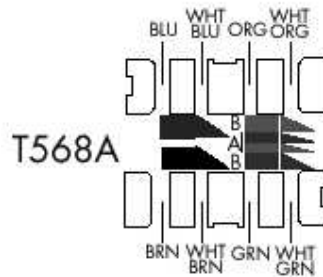
6e. Wrap drain wire around foil and tighten, leaving a length of drain wire available for wrapping Around rear can cable clamp.



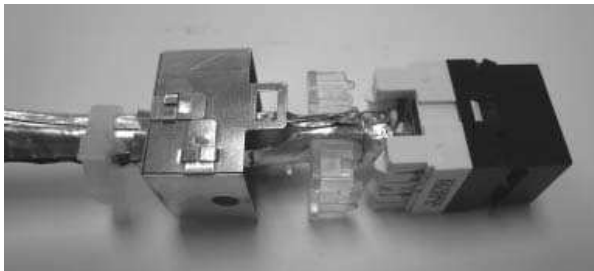
MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 9 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

6f. Wiring Map.



- 6g. Terminate the jack before inserting it in front can.
- 6h. Ensure that the cable sheath is maintained up to the connector.
- 6i. Once terminated, the stuffer cap must be fitted to the connector.



- 6j. Ensure cables are trimmed off flush with IDC, if not use side cutters to remove excess cable after termination.

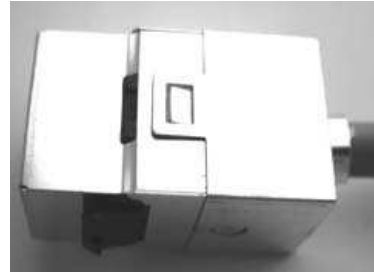


MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 10 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

7. Fitting Can and Securing Cable (U/FTP)

7a. Slide the rear can over the front can. Ensure that the two halves are latched together securely.



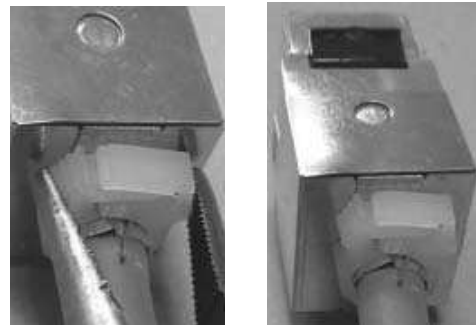
7b. Ensure that sufficient foil and drain wire makes contact with rear metal collar. Trim off excess foil.



7c. Tighten the drain wire over the metal cable collar to maintain shield continuity.



7d. Secure the cable with the plastic cable clamp, placed and tightened over the metal cable collar.



MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 11 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof

ASSEMBLY

8. Snap Contura Wallplate onto the Grid-Plate.



9. Snap Contura Modules into place.



MPN NO.	SAP NO.
315-227	187000314

REVISION: B1	ECR/ECN INFORMATION: EC No: MTS2013-0071 DATE: 2013 / 07 / 16	TITLE: INSTALLATION INSTRUCTIONS OF SHIELDED DATA GATE JACK	SHEET No. 12 of 12
DOCUMENT NUMBER: AS-18700-019	CREATED / REVISED BY: SNAGARAVENKA	CHECKED BY: CG, Raghavan	APPROVED BY: Ojdana, Krzysztof