SYSTIMAX® M40A1 Multi-Media Information Outlet (MIO) Installation Instructions

General

The **SYSTIMAX**® M40A1 Multi-Media Information Outlet (MIO) is a surface-mounted multimedia outlet box for termination of fiber-optic and/or copper cables. The MIO can be installed on a wall or standard 2-inch or 4-inch electrical outlet box.

Ordering information is listed below:

Material ID	Part No.	Description
107992927	M40A1-B-262	M40 surface mount box

How to Contact Us

- To find out more about **CommScope**® products, visit us on the web at http://www.commscope.com/
- For technical assistance:
  - Within the United States, contact your local account representative or technical support at 1-800-344-0223. Outside the United States, contact your local account representative or Authorized Business Partner.
  - Within the United States, report any missing/damaged parts or any other issues to **CommScope** Customer Claims at 1-866-539-2795. Outside the United States, contact your local account representative or Authorized Business Partner.

Parts List

Verify parts against the parts list below:

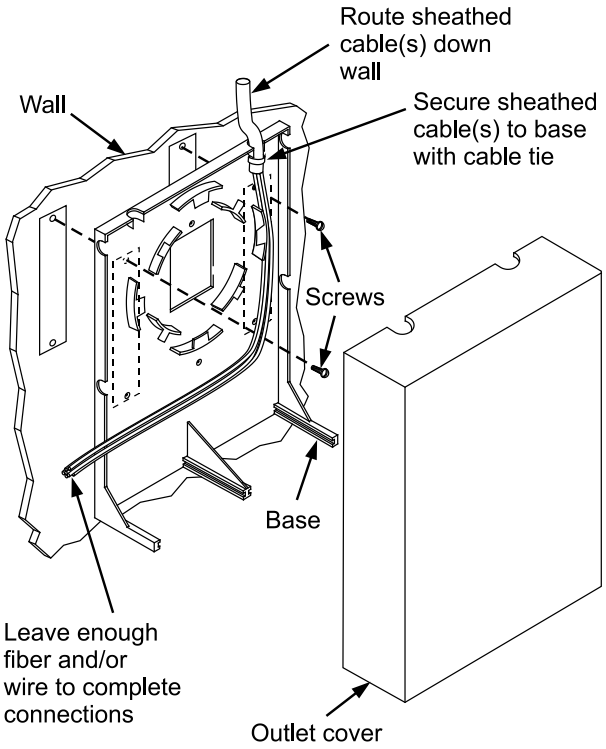
Quantity	Description
1	Base
1	**ST**™ panel
2	No. 6 screws
1	Cover
1	RJ4 panel
2	M40A1 decals
1	Instruction sheet

This product is covered by one or more of the following U.S. patents or their foreign equivalents: **5,923,807.**

Step 1 – Install MIO Base

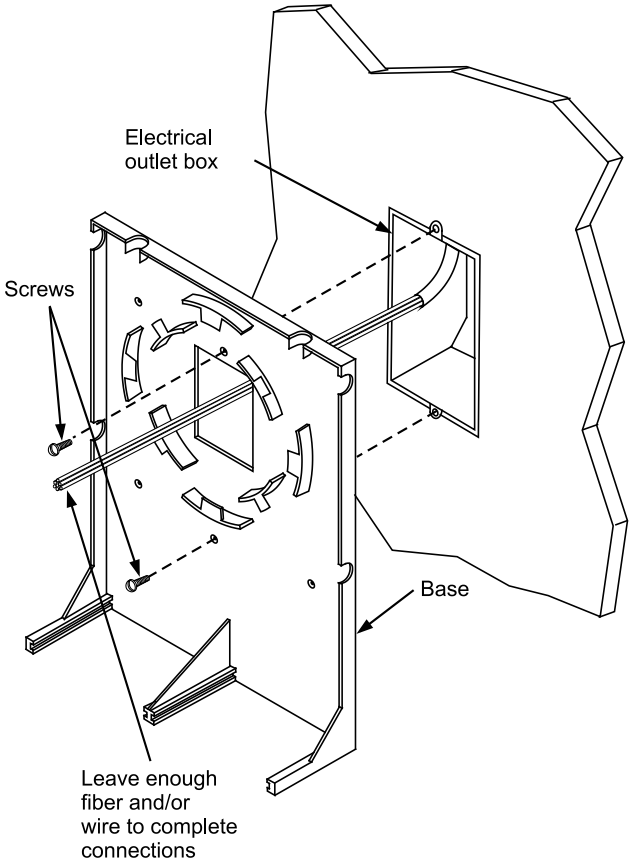
Wall Mount Installation

1. Mount the MIO base to the wall using suitable screws or other method.
2. Place the cable along the wall into the base.
3. Leave 24 inches (0.6m) of slack cable inside the MIO base to accommodate the different applications (FDDI, M-Series, **ST**, or SC).
4. Secure the cable to the MIO base using cable ties
5. Remove the appropriate knockout from the cover, place the cover aside and proceed to the appropriate application instruction.



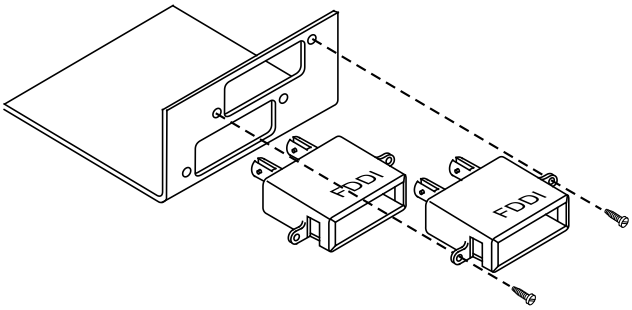
Electrical Outlet Box Installation – 2-inch or 4-inch Box

1. Attach the MIO to the electrical outlet box using the screws provided. Do not over tighten the screws.
2. Route the cable through the square hole in the MIO base
3. Leave 24 inches (0.6m) of slack cable inside the MIO base to accommodate the different applications (FDDI, M-Series, **ST**, or SC).
4. Place the cover aside and proceed to the appropriate application instruction.

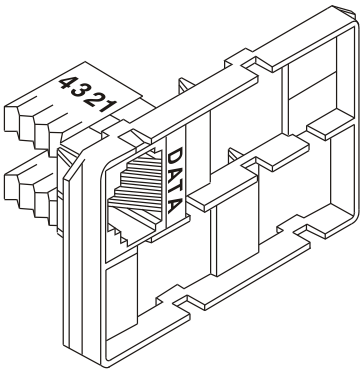


Step 2 – Select Application

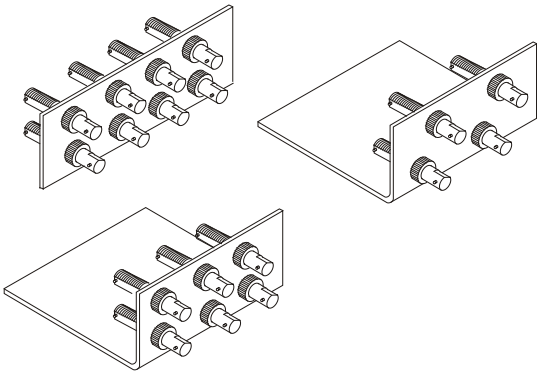
FDDI Application – Page 4



M-Series Outlet Application – Page 4



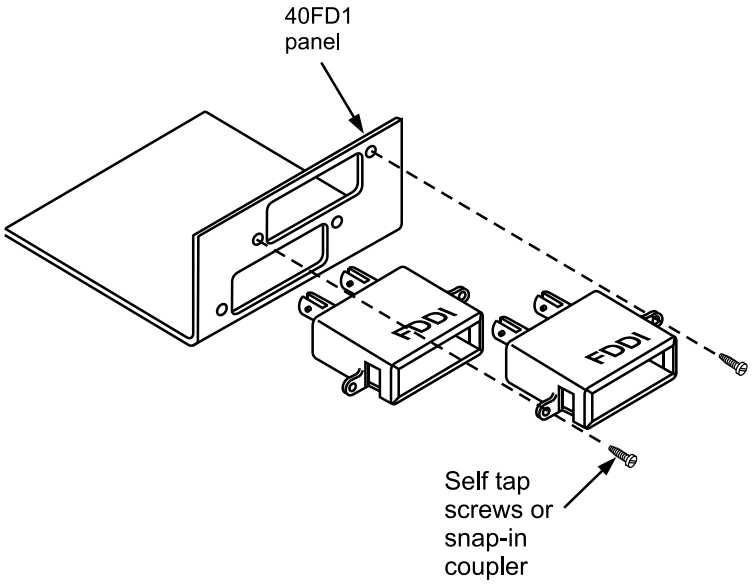
ST Application – Page 5



FDDI Application

1. Remove the outer jacket of the cable to the cable entry point:
   - For wall mount installation, remove to the cable tie-down point.
   - For electrical outlet box installation, remove to the box entry point.
2. Leave 24 inches (0.6m) of slack fiber to accommodate connectorization.
3. Connectorize each fiber with **ST** connectors.
4. Insert snap in or screw type FDDI couplers into the 40 FDI Panel(s). Insert the panels into the MIO base.
5. Terminate the connectorized fibers to the FDDI connectors. Store the slack fibers around the 3-inch (76mm) cylinder provided on the MIO base.
6. Place the outlet cover onto the base and snap it into position.

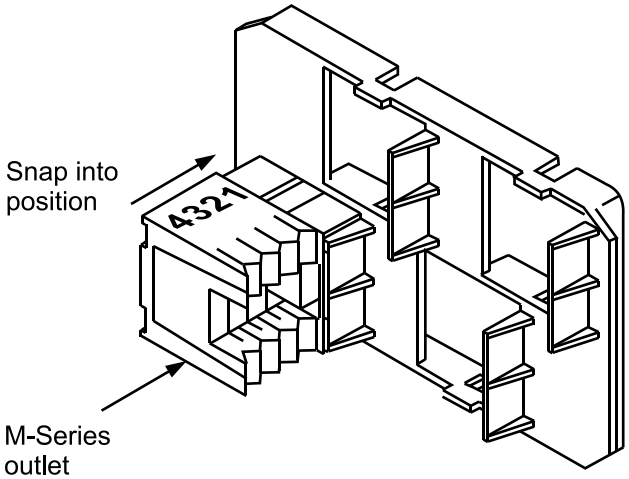
   Note: A completed assembly is shown on page 6.



M-Series Outlet Application

1. Place the module on the panel bottom surface near a square opening in the panel.
2. Dress the copper cable and wires to the jack with slack.
3. Remove cable jacket and terminate each wire on the jack per the installation instructions.
4. Snap the wired jack into the M40RJ4 panel as shown.
5. Place the outlet cover on the base and snap it into position.

   Note: A completed assembly is shown on page 6.



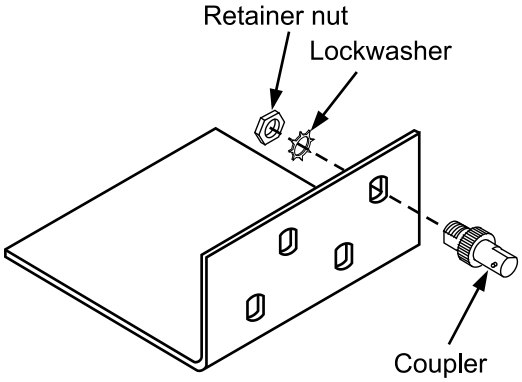
M40RJ4

ST Application

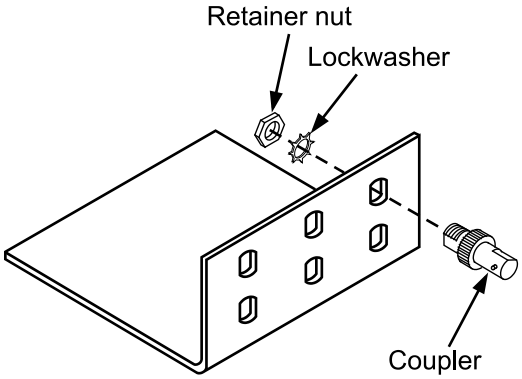
1. Remove the appropriate knockout(s) from the M40STX panel.
2. Remove the coupler from the bag of parts and insert the end with the threaded section through the front of either the M40ST4, M40ST6, or M40ST8 panel so that the slit in the front portion of the coupler is facing upward. Install the lock washer onto the coupling and then the retainer nut. Tighten the nut. Repeat for other couplers.
3. Insert the panel with the couplers installed into the MIO base.
4. Remove the outer jack of the cable to:

- The cable tie-down point, for wall mount application.
- The box entry point, for electrical box mount application.

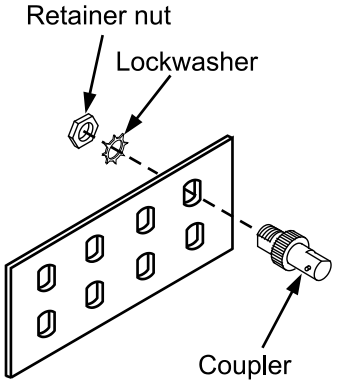
5. Leave 24 inches (0.6m) of slack fiber to accommodate connectorization.
6. Connectorize each fiber with **ST** connectors and insert connectors into couplers.
7. Store slack fibers around the 3-inch (76mm) cylinder on the base of the outlet.
8. Place the outlet cover onto the base and snap it into position.



M40ST4 panel



M40ST6 panel



M40ST8 panel

Step 3 – Completed Assembly

Note: The figure below shows a completed M40A1 MIO utilizing RJ4 and FD panels (**ST** and DSC panels are also available).