



FS FMU-MC042733 MUX DEMUX and OADM Plug-in Module User Guide

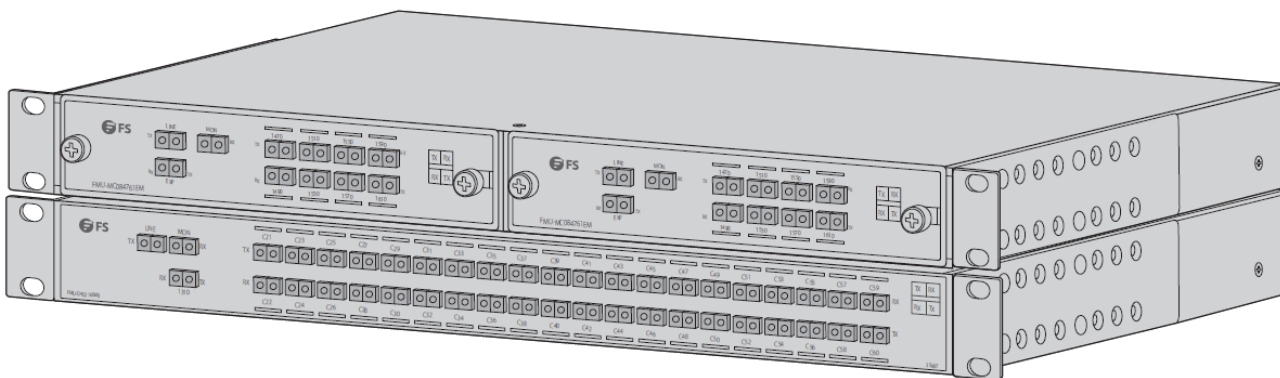
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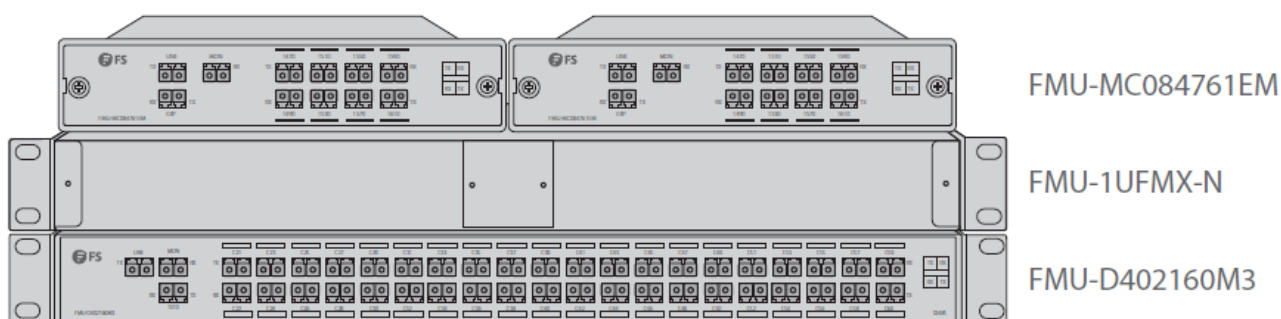


FS FMU-MC042733 MUX DEMUX and OADM Plug-in Module

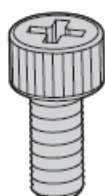


Introduction

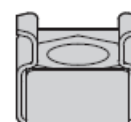
Thank you for choosing FS FMU Passive Multiplexer Series. This guide is designed to familiarize you with the layout of the Mux Demux & OADM and describes how to deploy the Mux Demux & OADM in your network.



Accessories



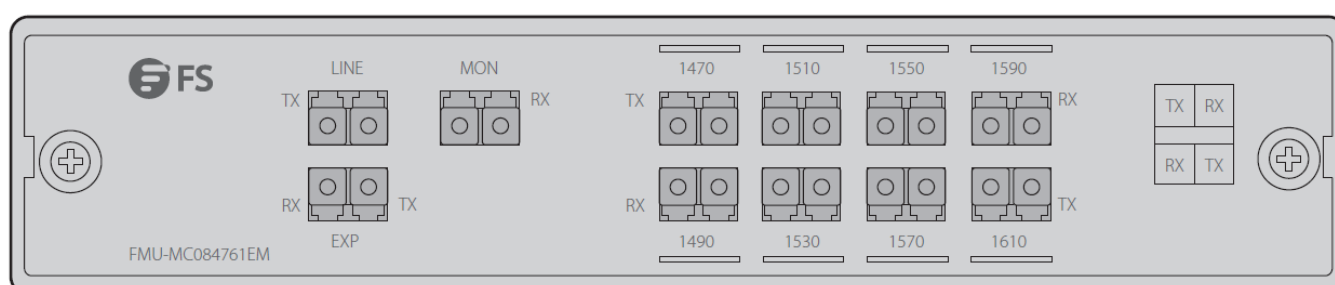
Bracket Screws x4



Bracket Nuts x4

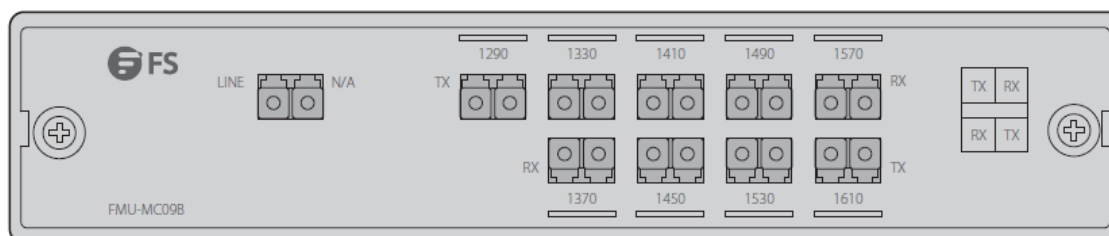
Functional Description

8ch CWDM Mux, DF



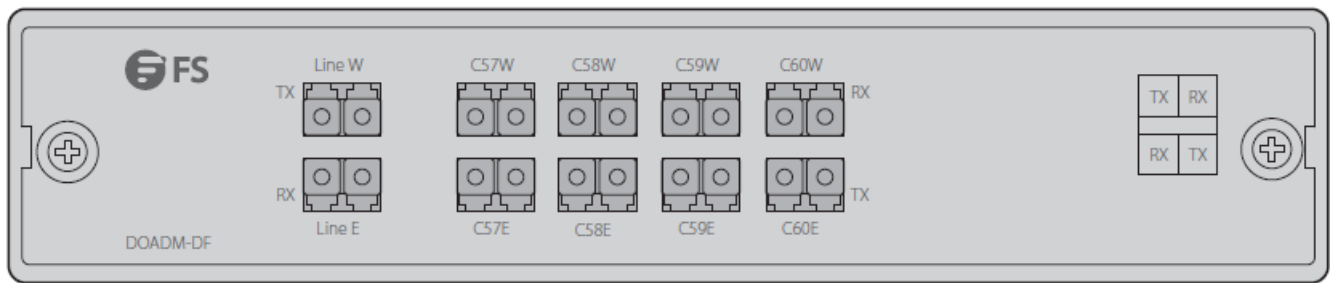
1470 RX → TX Line	RX Line → 1470 TX
1490 RX → TX Line	RX Line → 1490 TX
1510 RX → TX Line	RX Line → 1510 TX
1530 RX → TX Line	RX Line → 1530 TX
1550 RX → TX Line	RX Line → 1550 TX
1570 RX → TX Line	RX Line → 1570 TX
1590 RX → TX Line	RX Line → 1590 TX
1610 RX → TX Line	RX Line → 1610 TX
RX EXP → TX Line	
RX Line → TX EXP	

9ch CWDM Mux, SF



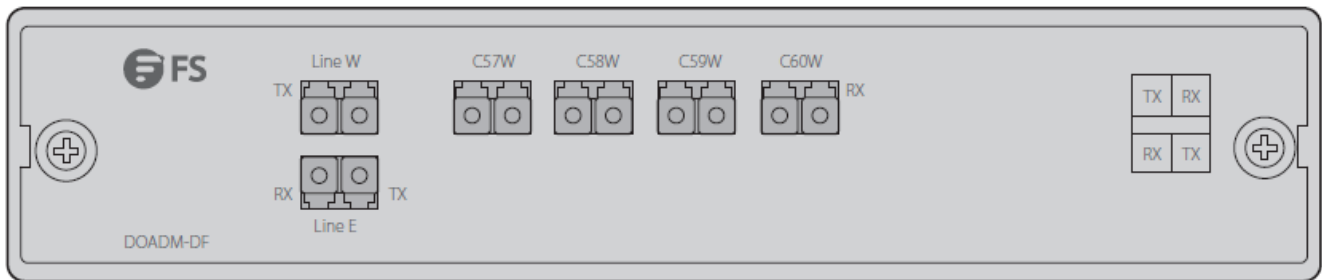
Line → 1270 TX	1290 RX → Line
Line → 1310 TX	1330 RX → Line
Line → 1350 TX	1370 RX → Line
Line → 1390 TX	1410 RX → Line
Line → 1430 TX	1450 RX → Line
Line → 1470 TX	1490 RX → Line
Line → 1510 TX	1530 RX → Line
Line → 1550 TX	1570 RX → Line
Line → 1590 TX	1610 RX → Line

4ch DWDM OADM East and West, DF



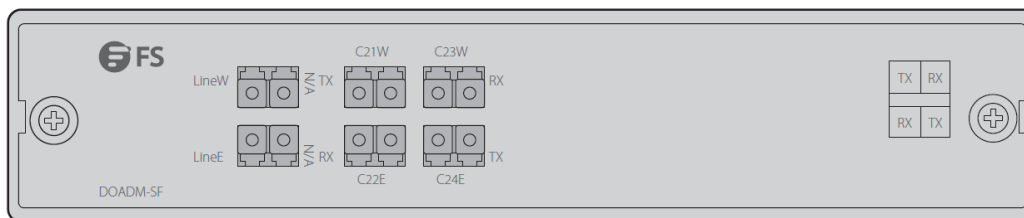
RX Line W → TX C57 W	RX Line E → TX C57 E
RX Line W → TX C58 W	RX Line E → TX C58 E
RX Line W → TX C59 W	RX Line E → TX C59 E
RX Line W → TX C60 W	RX Line E → TX C60 E
RX C57 W → TX Line W	RX C57 E → TX Line E
RX C58 W → TX Line W	RX C58 E → TX Line E
RX C59 W → TX Line W	RX C59 E → TX Line E
RX C60 W → TX Line W	RX C60 E → TX Line E
RX Line W → TX Line E (Other than C57-C60)	
RX Line E → TX Line W (Other than C57-C60)	
Remark: The TX of the channel port is drop, and RX is add.	

4ch DWDM OADM East or West, DF



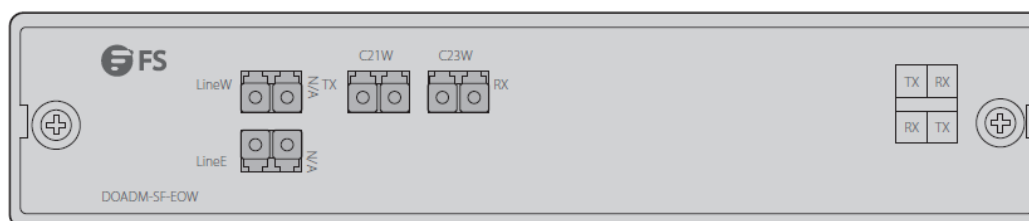
RX Line W → TX C57 W	RX C57 W → TX Line W
RX Line W → TX C58 W	RX C58 W → TX Line W
RX Line W → TX C59 W	RX C59 W → TX Line W
RX Line W → TX C60 W	RX C60 W → TX Line W
RX Line W → TX Line E (Other than C57-C60)	
RX Line E → TX Line W (Other than C57-C60)	
Remark: The TX of the channel port is drop, and RX is add.	

2ch DWDM OADM East and West, SF



Line W → TX C22 W	Line E → TX C21 W
Line W → TX C24 W	Line E → TX C23 W
RX C21 W → Line W	RX C22 E → Line E
RX C23 W → Line W	RX C24 E → Line E
Line W Line E (Other than C21-C24)	
Remark: The TX of the channel port is drop, and RX is add.	

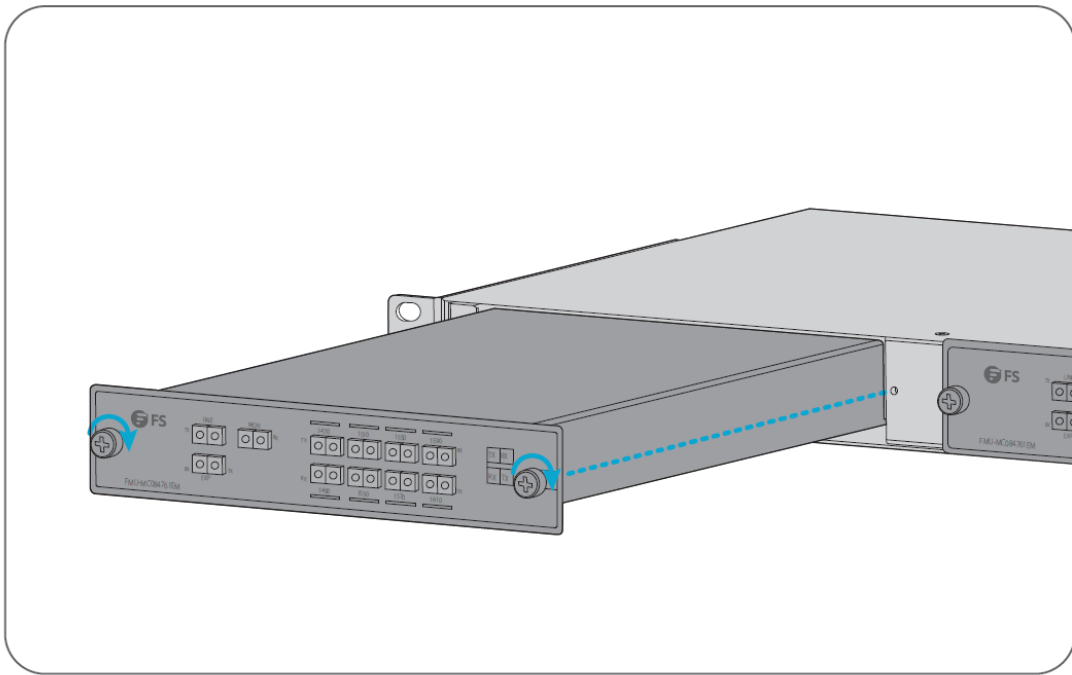
2ch DWDM OADM East or West, SF



Line W → TX C22 W	RX C21 W → Line W
Line W → TX C24 W	RX C23 W → Line W
Line W Line E (Other than C21-C24)	
Remark: The TX of the channel port is drop, and RX is add.	

Installing

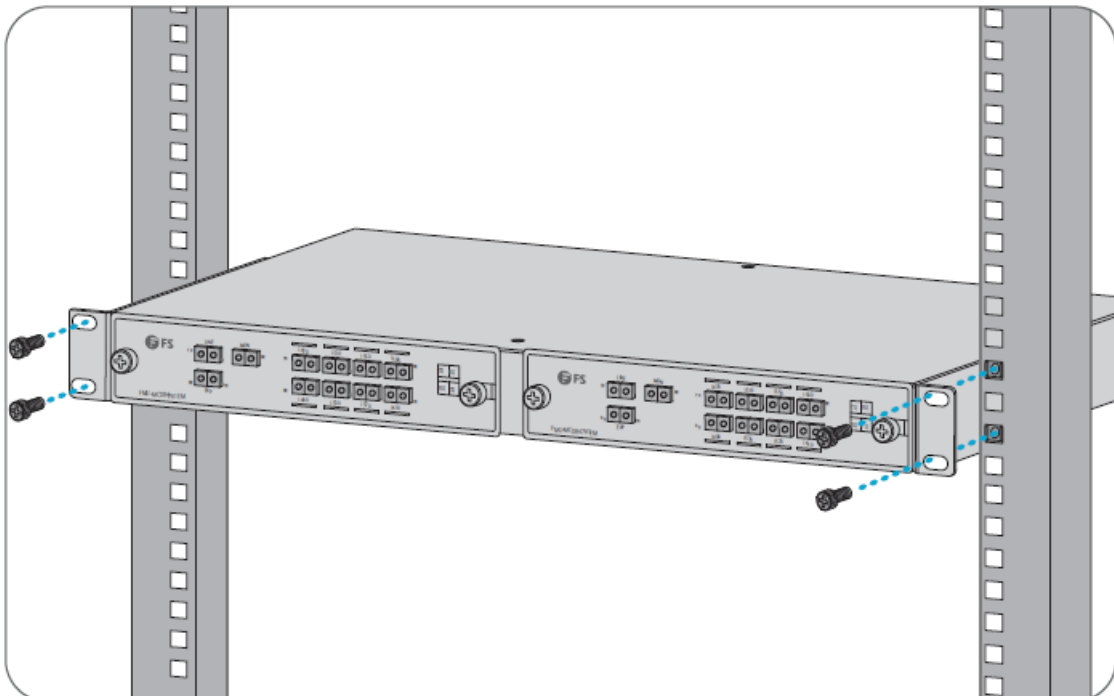
FMU Plug-in Module



Inserting MUX Demux modules in a 1U 2-slot chassis

1. Align the module with the chassis shelf.
2. Gently push the module into the shelf cavity.
3. Press on the M3 captive screws first and then tighten it on each side.

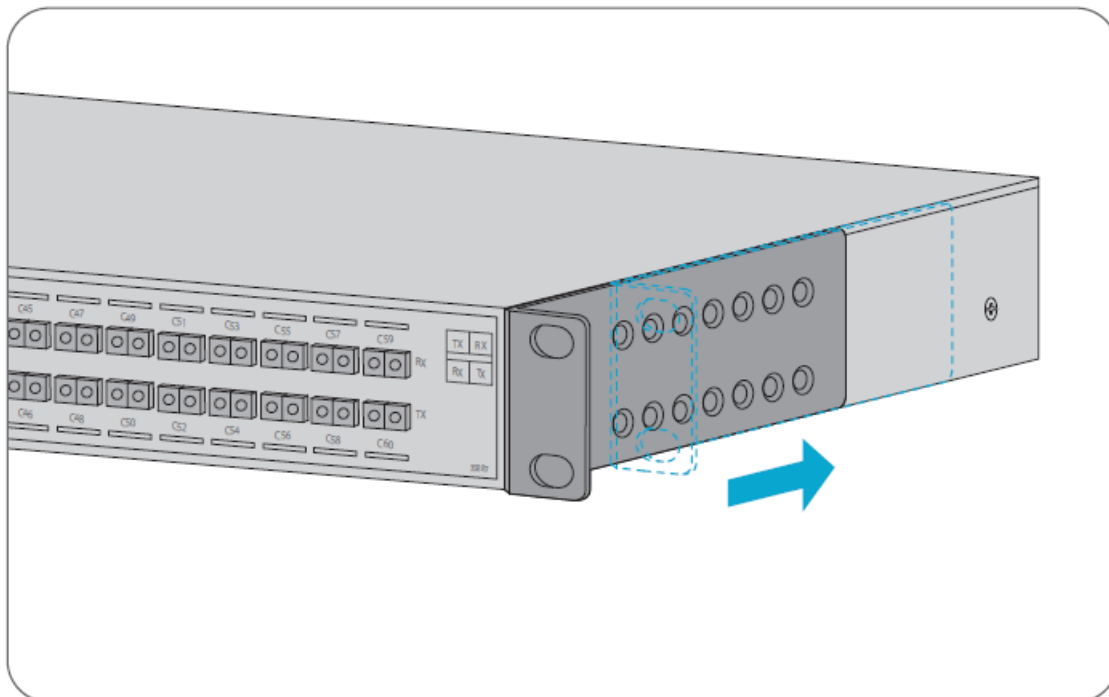
NOTE: Put the top surface of FMU module close to the cover of chassis for easy installation.



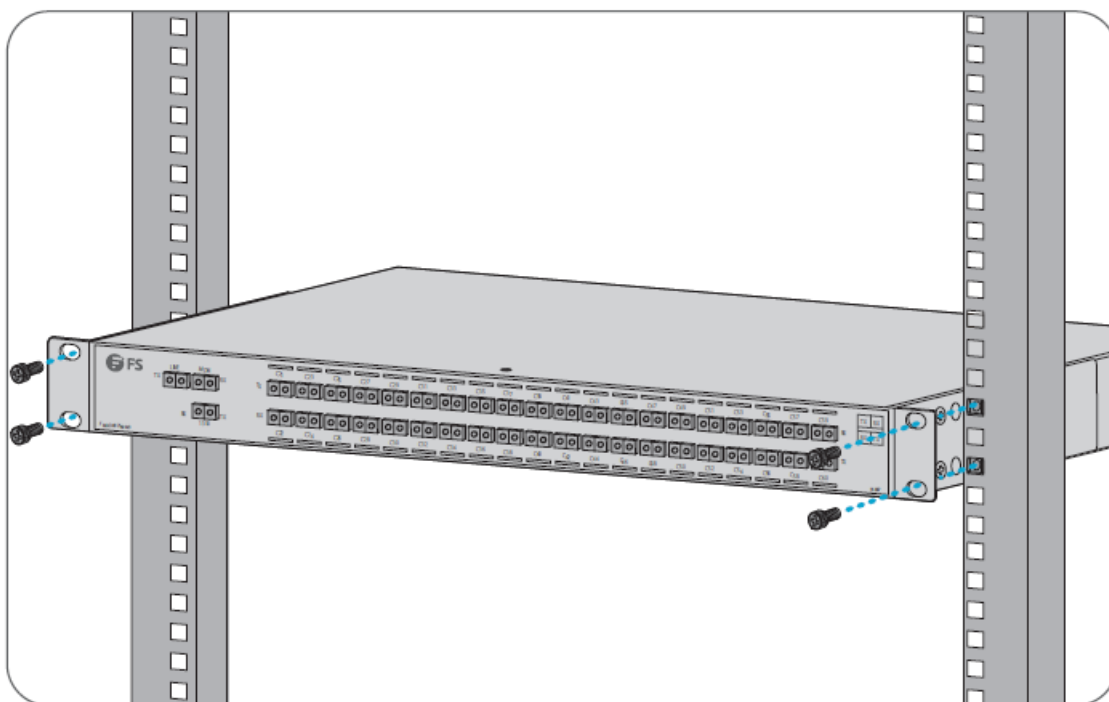
Mounting the equipment in a rack

1. Place the track mounting bracket on the desired position.
2. Put the enclosure that inserted the Mux Demux on the rack.
3. Use M6x12mm screws and M6 nuts to secure.

1U Rack Mount



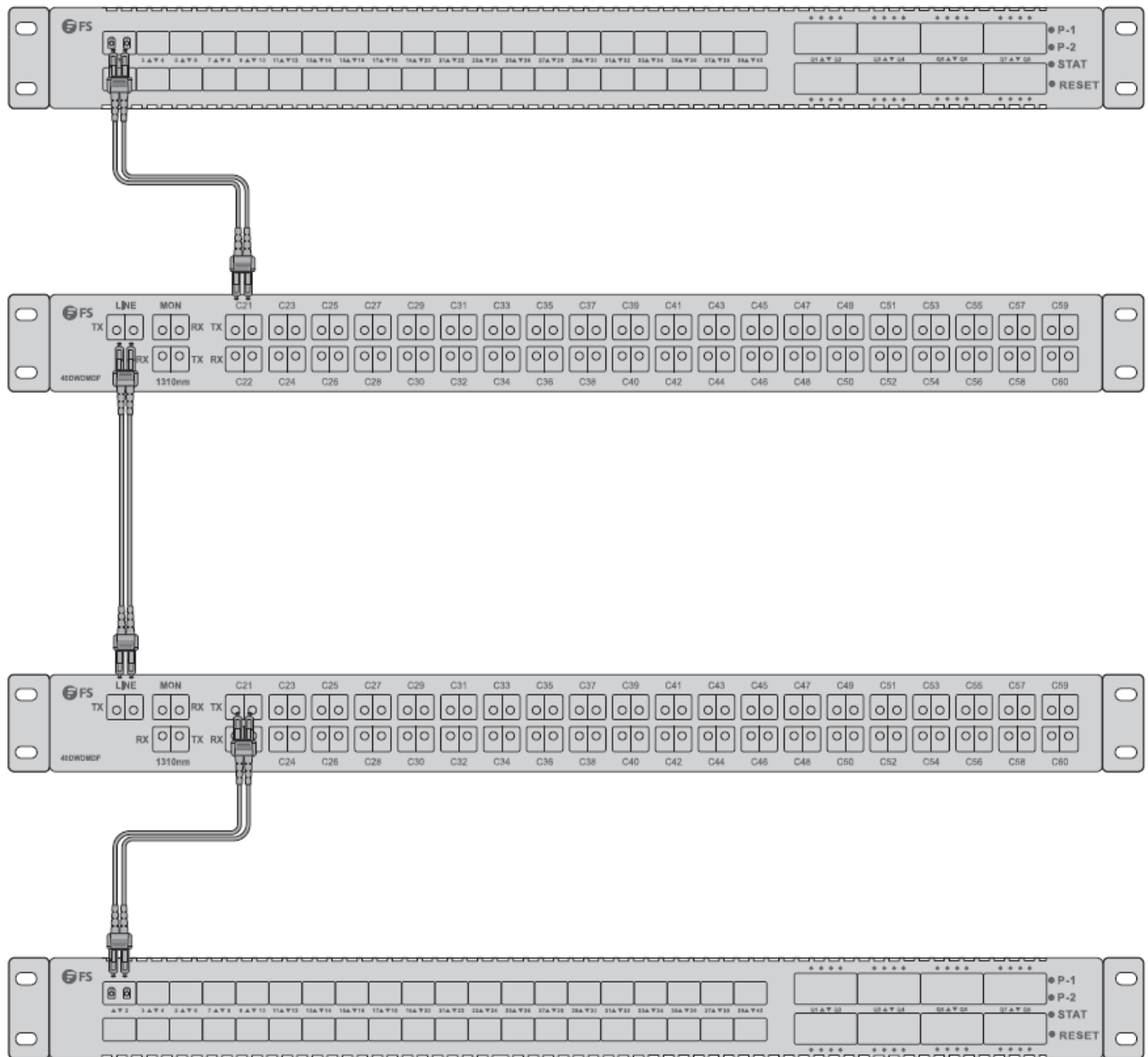
NOTE: Flexible mounting bracket can be adjusted to 19" or 23" rack for easy installation.



Mounting the equipment in a rack

1. Place the track mounting bracket on the desired position.
2. Put the enclosure that inserted the Mux Demux on the rack.
3. Use M6x12mm screws and M6 nuts to secure.

Installing Fiber Cables



Online Resources

- Download <https://www.fs.com/download.html>
- Help Center https://www.fs.com/service/help_center.html
- Contact Us https://www.fs.com/contact_us.html

Product Warranty

FS ensures our customers that any damage or faulty items due to our workmanship, we will offer a free return within 30 Days from the day you receive your goods. This excludes any custom made items or tailored solutions.

Warranty: All FMU passive multiplexer series enjoy 1 year or 3 years limited warranty against defect in materials or workmanship. For more details about warranty, please check at <https://www.fs.com/policies/warranty.html>

Return: If you want to return item(s), information on how to return can be found at https://www.fs.com/policies/day_return_policy.html

Documents / Resources



Mux Demux & OADM
100G DDMUX & OADM
100G DDMUX & OADM
100G DDMUX & OADM

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FMU-MC042733, MUX DEMUX and OADM Plug-in Module