OptiCom Adapter for HD Flex Cassettes

Part Number(s): FLEX-OPTI-1RU

1. REMOVING FROM PACKAGING AND PREPARING FOR INSTALLATION

1.1 Remove FLEX-OPTI-1RU from individual carton and bag. Figure 1 displays how FLEX-OPTI-1RU will be assembled after being removed from packaging.
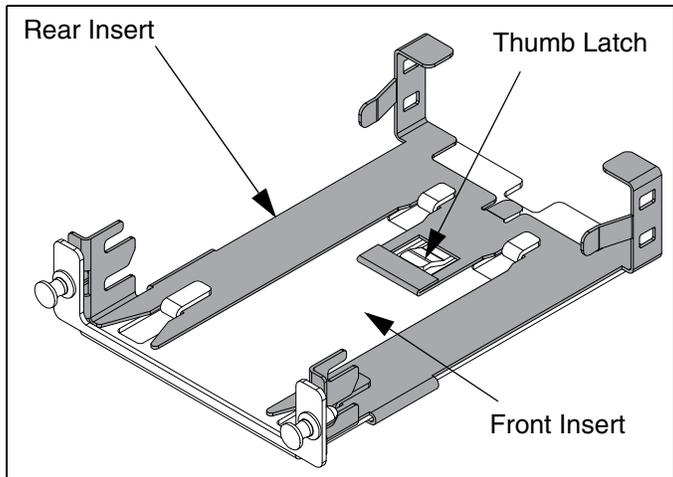

Figure 1: FLEX-OPTI-1RU removed from packaging

1.2 The FLEX-OPTI-1RU is made up of 2 individual components, the rear insert and the front insert. To properly install the FLEX-OPTI-1RU, the rear insert must be separated from the front insert. To separate the rear insert, press down on the thumb latch and slide the rear insert away from the front insert.
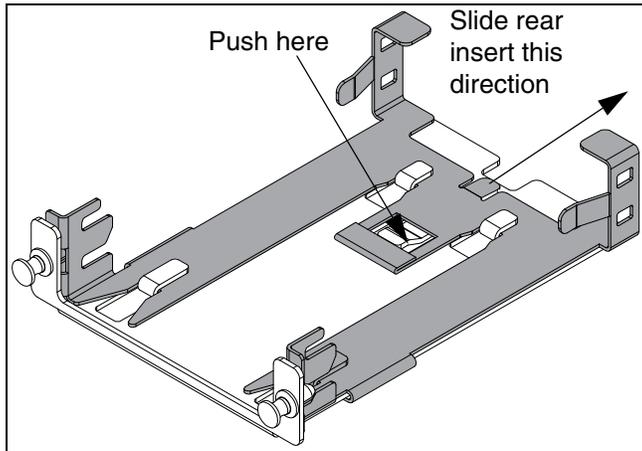

Figure 2: Showing where the thumb latch is located and how to push down on the latch and direction to slide the rear insert
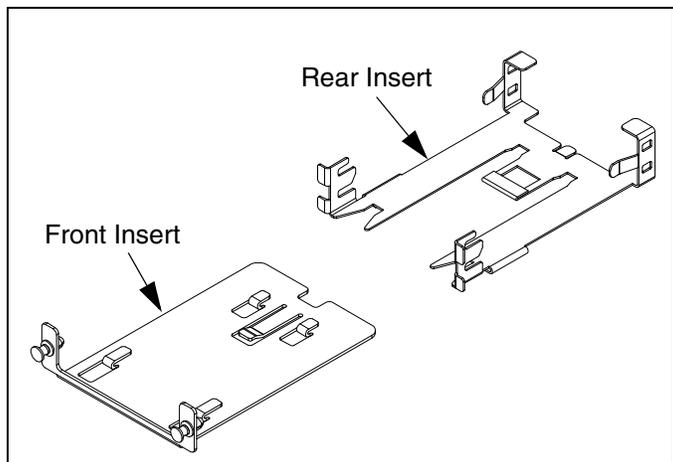

Figure 3: Front and rear insert separated from one another

For Technical Support: www.panduit.com/resources/install_maintain.asp

2. INSTALLATION OF FLEX-OPTI-1RU INTO PANDUIT 1RU PATCH PANEL (PANDUIT PART NUMBER CFAPPBL1)

2.1 Slide the front insert into the patch panel opening (see figure 4) from the front of the patch panel in the orientation shown. Make sure the plungers attached to the front insert (see figure 4) are pulled back to the "unlocked" position when the FLEX-OPTI-1RU is slid into the proper holes.

Front Insert

Front of CFAPPBL1

Push this direction

Patch Panel Opening

Plunger pulled back

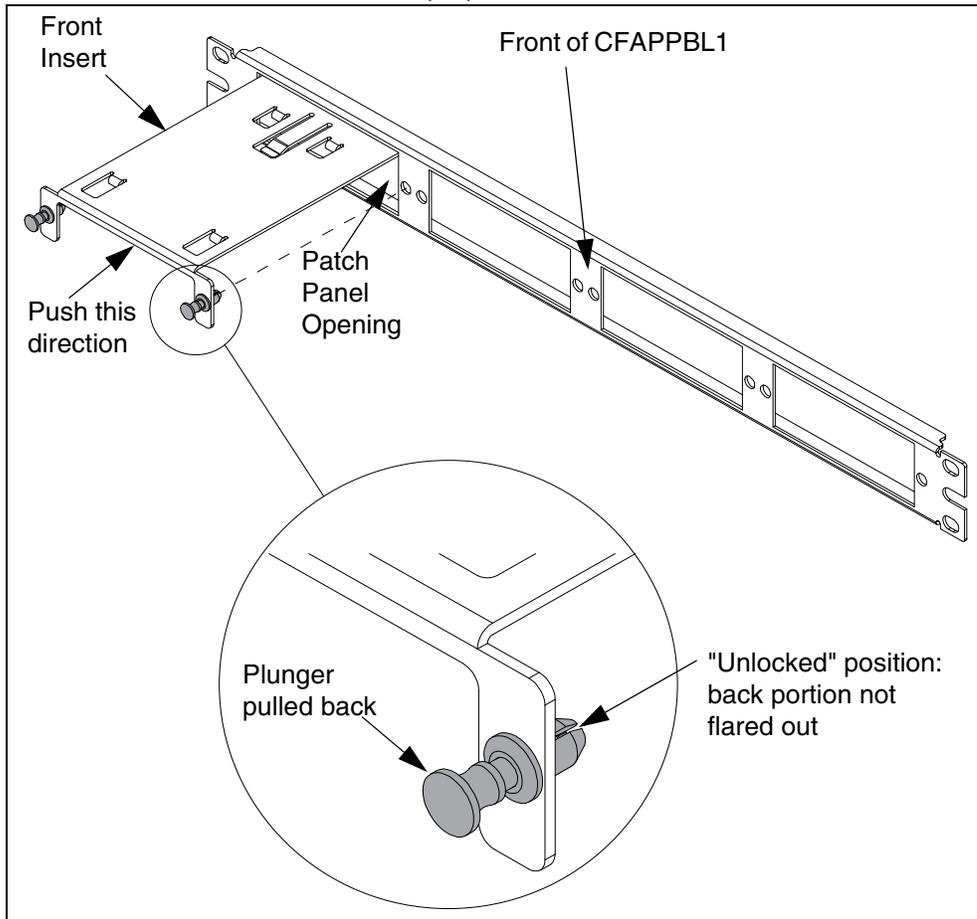"Unlocked" position: back portion not flared out

Figure 4:
Front insert oriented and in process of being placed into proper patch panel opening with plungers in "unlocked" position

2.2 Lock the front insert in place by pressing the plungers into the "locked" position once plungers have been inserted into the necessary holes in the patch panel.
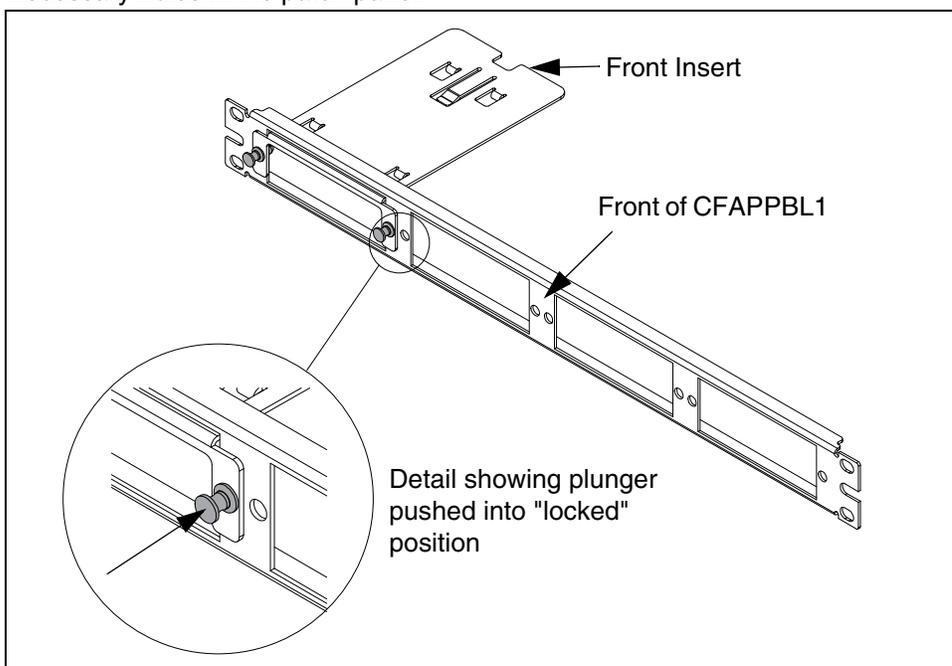
Front Insert

Front of CFAPPBL1

Detail showing plunger pushed into "locked" position

Figure 5:
FLEX-OPTI-1RU front insert installed into proper patch panel holes with plungers pushed into "locked" position

For Technical Support: www.panduit.com/resources/install_maintain.asp

2.3 Slide the rear insert of the FLEX-OPTI-1RU onto the front insert of the FLEX-OPTI-1RU in the orientation shown until an audible "click" is heard as the thumb latch on the front insert snaps into position when interacting with the square cutout on the rear insert.
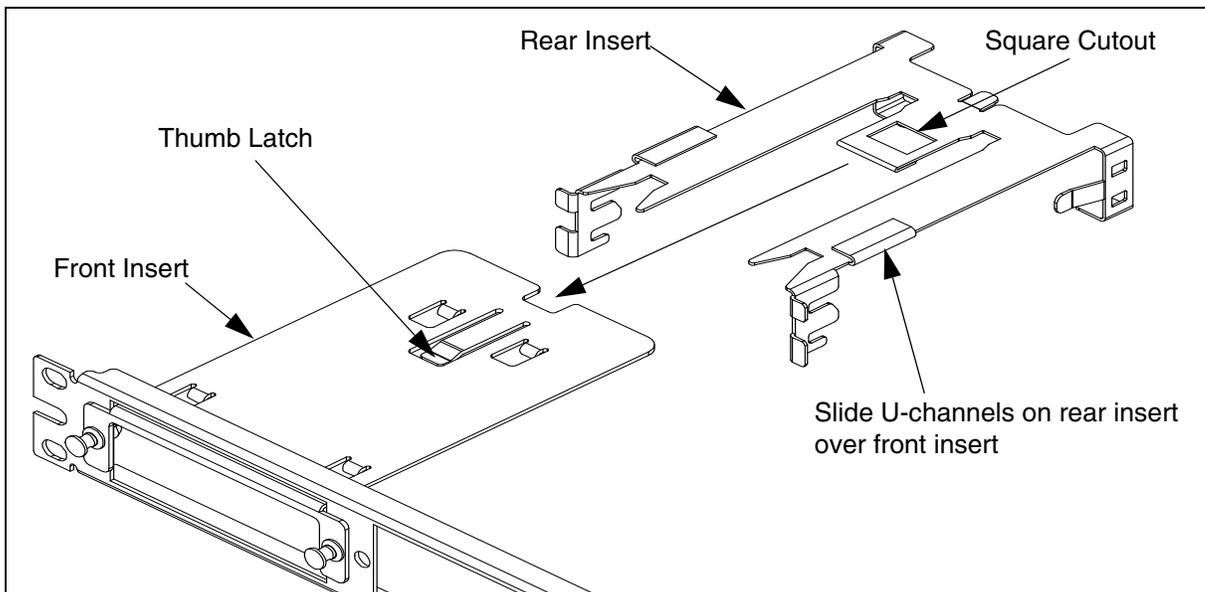
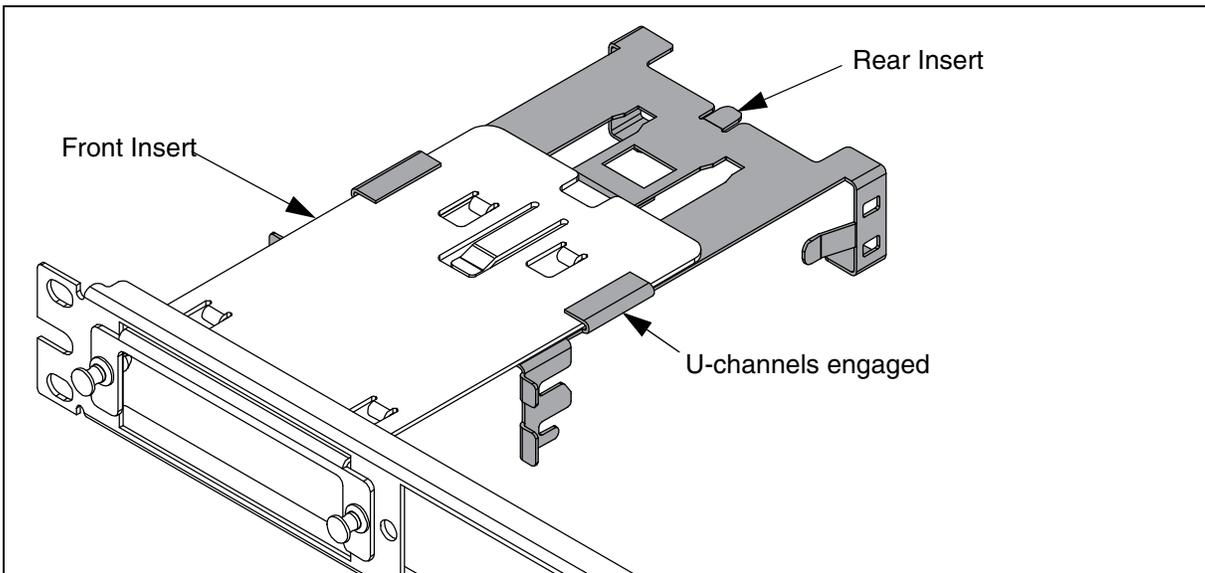Figure 6: FLEX-OPTI-1RU rear insert positioned to be slid onto front insert

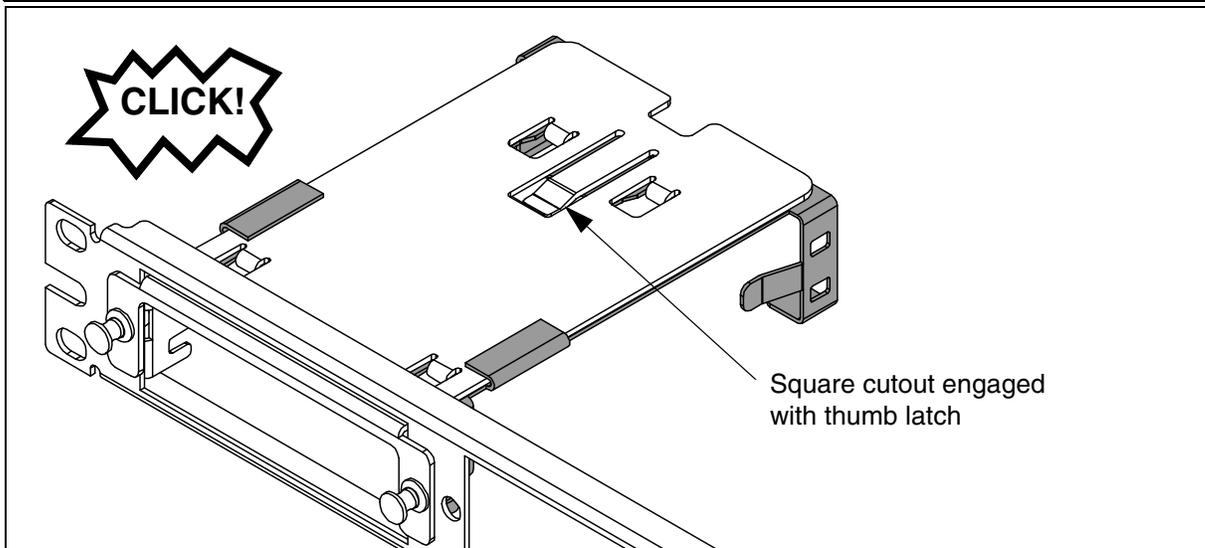Figure 7: FLEX-OPTI-1RU rear insert beginning to slide onto front insert

Figure 8: FLEX-OPTI-1RU rear insert square cutout engaged with front insert thumb latch, seated into final position

For Technical Support: www.panduit.com/resources/install_maintain.asp

3. INSTALLATION OF HD FLEX CASSETTES/MPO FAPS INTO FLEX-OPTI-1RU

Note: The FLEX-OPTI-1RU can accept (2) HD Flex Cassettes which have up to 6 ports in front of the cassette. Four port and twelve port HD Flex Cassettes are **not** compatible with the FLEX-OPTI-1RU. HD Flex MPO to LC Cassettes, HD Flex MPO FAPs, HD Flex LC FAPs, HD Flex LC Splice Cassettes, HD Flex 4:1 Conversion Cassettes, and HD Dark Fiber Conversion Cassettes are all compatible to be used with FLEX-OPTI-1RU.

HD Flex MPO to LC Cassette

HD Flex LC Splice and LC FAP
Reference Installation Instruction FS117

HD Flex MPO FAP

HD Flex 4:1 Conversion Cassette
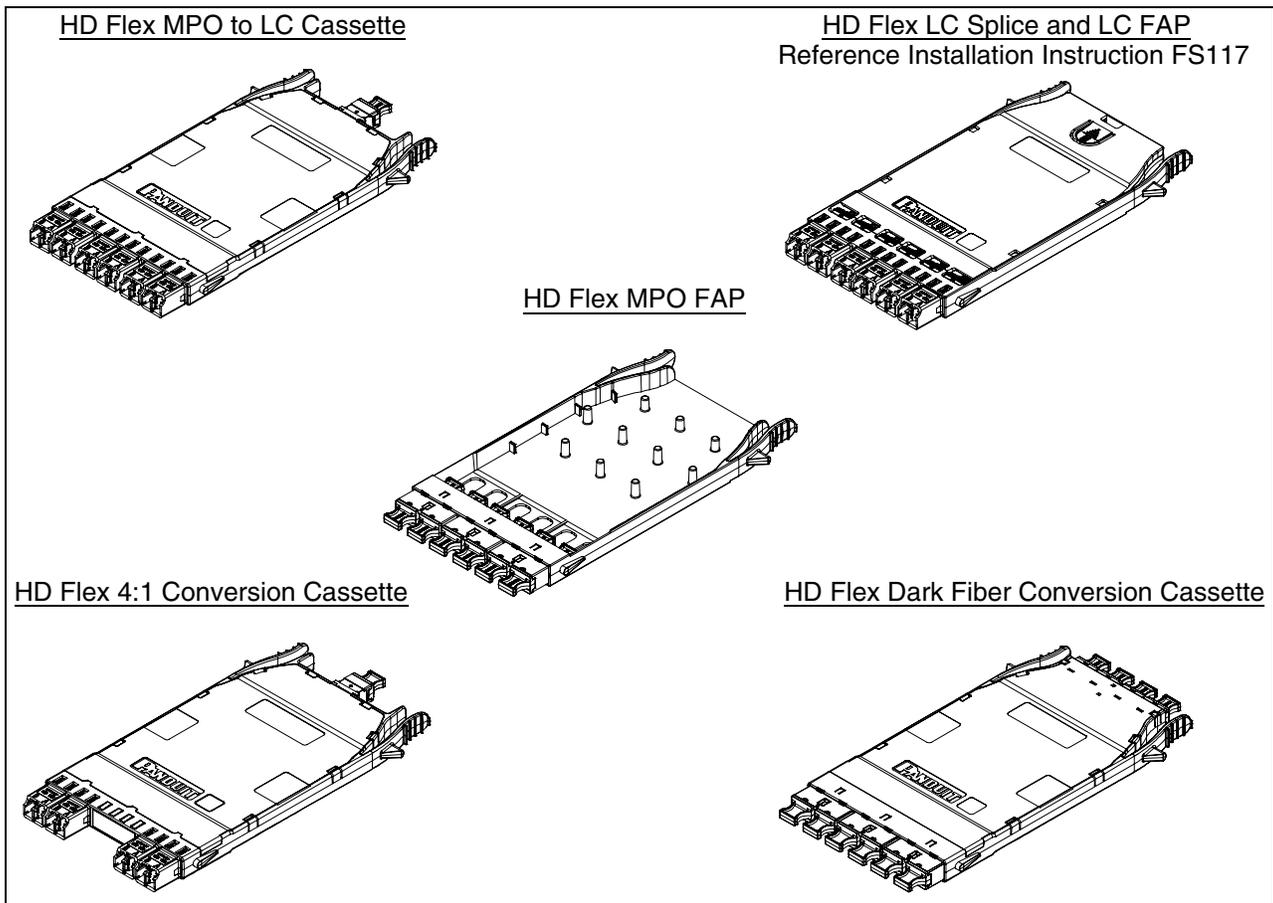
HD Flex Dark Fiber Conversion Cassette

Figure 9: Compatible HD Flex Cassette Modules to be used with FLEX-OPTI-1RU

3.1 Slide the first cassette module into the lower cassette position in the orientation shown. LC Splice Cassettes are shown in the below pictures. (Panduit part number: FHS**N-12-**N, FHS**-12-**P, FHS**-12-**R)
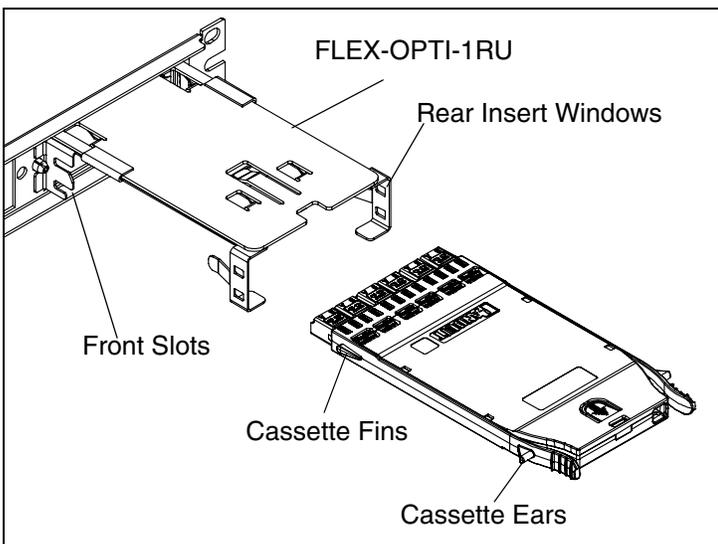

FLEX-OPTI-1RU
Rear Insert Windows
Front Slots
Cassette Fins
Cassette Ears

Figure 10: Lower cassette oriented to be inserted into FLEX-OPTI-1RU

FLEX-OPTI-1RU
Rear Insert Windows
Front Slots
Cassette Fins
Cassette Ears
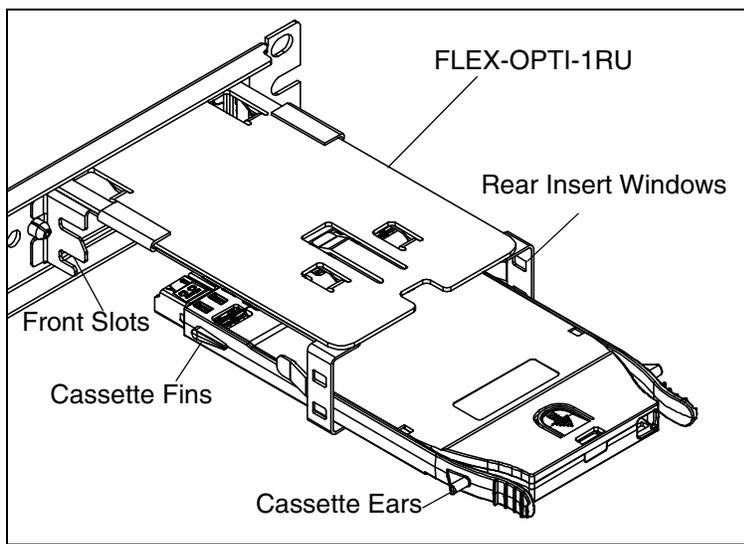
Figure 11: Lower cassette partially installed into FLEX-OPTI-1RU

For Technical Support: www.panduit.com/resources/install_maintain.asp

Lower cassette fully installed

Front Slots

Cassette Fins

Rear Insert Windows

Cassette Ears

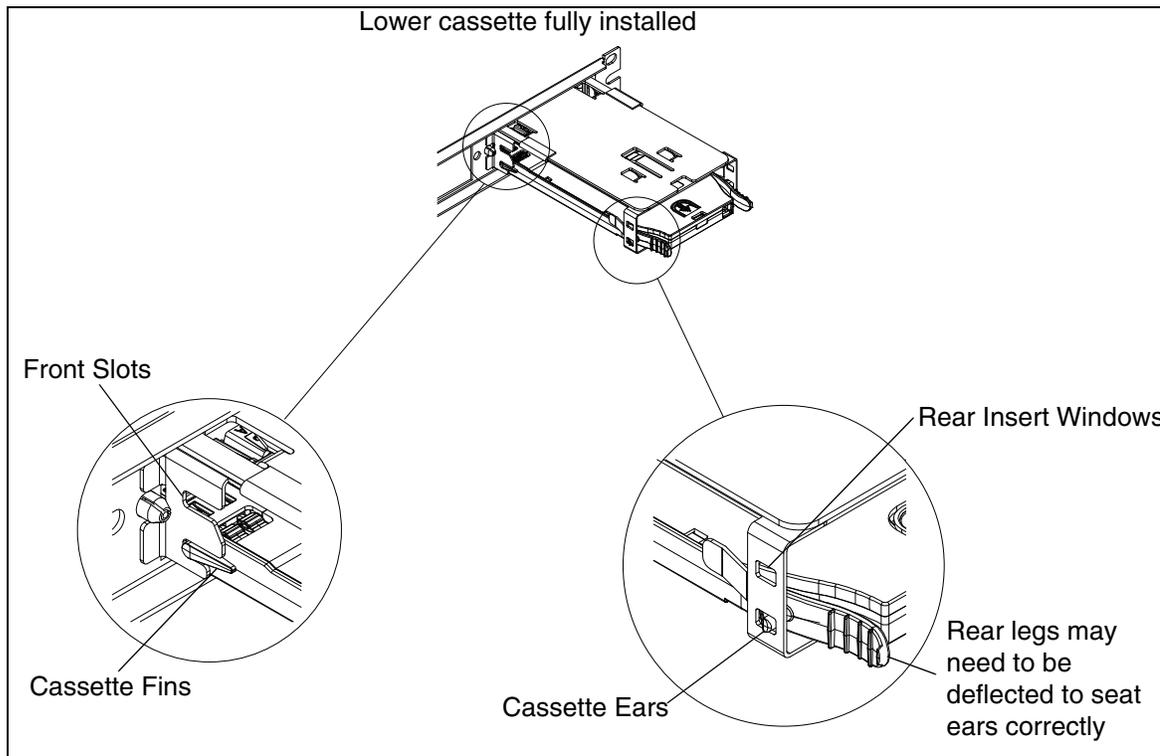Rear legs may need to be deflected to seat ears correctly

Figure 12:
For proper installation, HD Flex cassette fins are seated within the front slots located on the rear insert. For proper installation, HD Flex cassette ears are seated in the rear insert windows of the FLEX-OPTI-1RU.

3.2 Slide the second cassette module into the top cassette position, following the same procedure as Step 3.1.
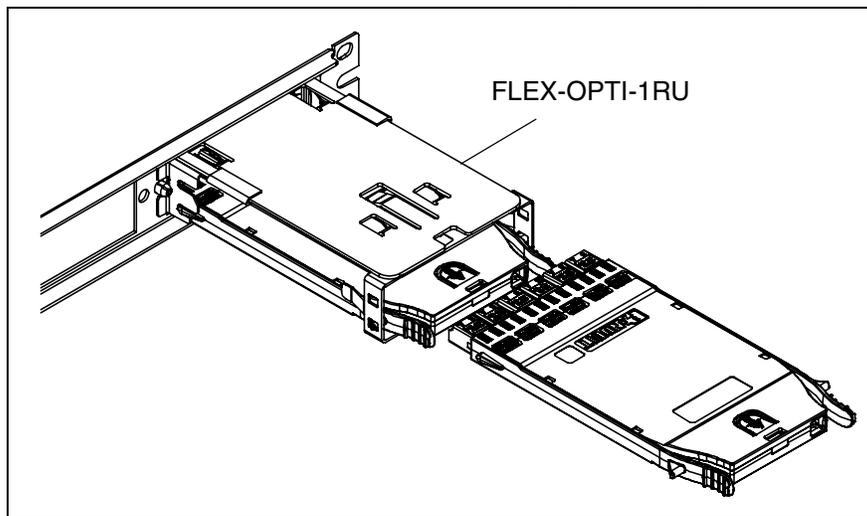
FLEX-OPTI-1RU

Figure 13:
Upper cassette oriented to be inserted into FLEX-OPTI-1RU
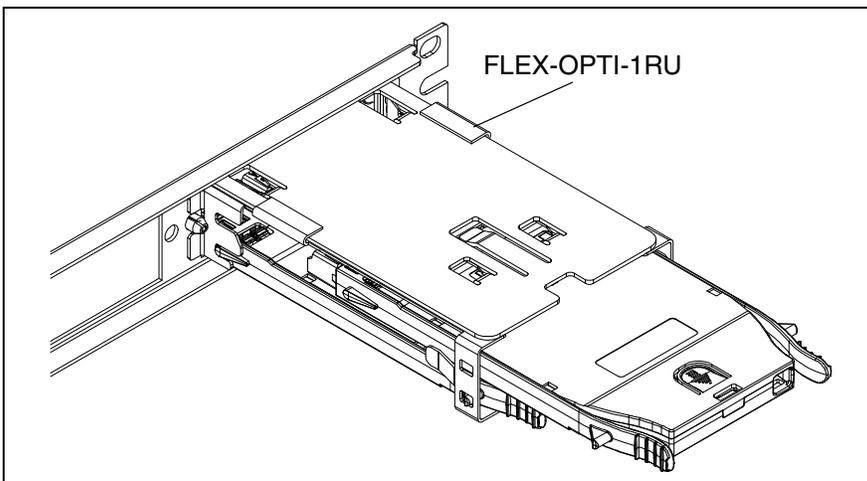
FLEX-OPTI-1RU

Figure 14:
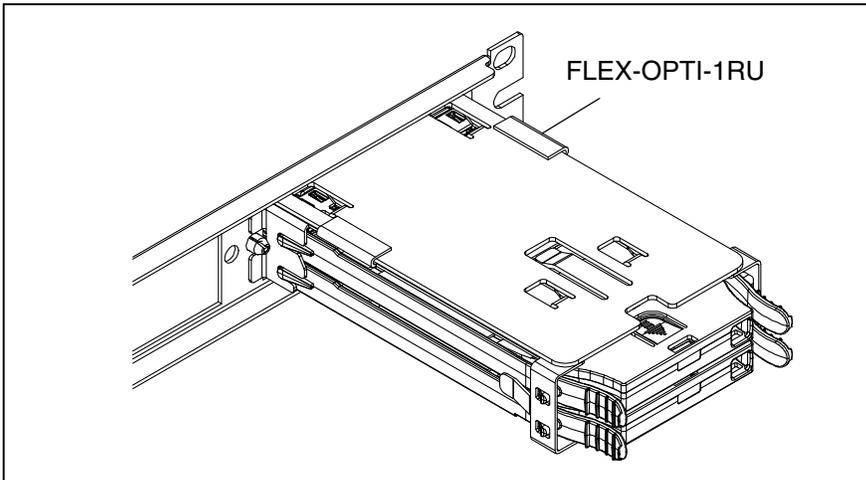Upper cassette partially installed into FLEX-OPTI-1RU

FLEX-OPTI-1RU

Figure 15:
Upper cassette
fully installed into
FLEX-OPTI-1RU

4. FLEX-OPTI-1RU Compatible Patch Panels and Enclosures

Shown below is a table of patch panels and enclosures compatible with the FLEX-OPTI-1RU. The installation steps explained above can be used to place the FLEX-OPTI-1RU into the necessary enclosure/patch panel.

Part Number
CFAPPBL1
CFAPPBL2
FMT1 (WHEN PAIRED WITH CFAPPBL1)
FMT2 (WHEN PAIRED WITH CFAPPBL2
FCE1U
FCE1UA
FCE2U
FCE4
FCE4U
FMD1
FMD2

Note: FLEX-OPTI-1RU **cannot** be used with angled patch panels CFAPPBL1A or CFAPPBL2A. FLEX-OPTI-1RU **cannot** be used with angled enclosures FMT1A or FMT2A. The depth of FRME** enclosures does **not** allow for proper cable routing when the FLEX-OPTI-1RU is installed.

For Instructions in Local Languages and Technical Support:
www.panduit.com/resources/install_maintain.asp

PANDUIT
www.panduit.com

E-mail:
techsupport@panduit.com

Phone:
866-405-6654

Page 6 of 6