

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.

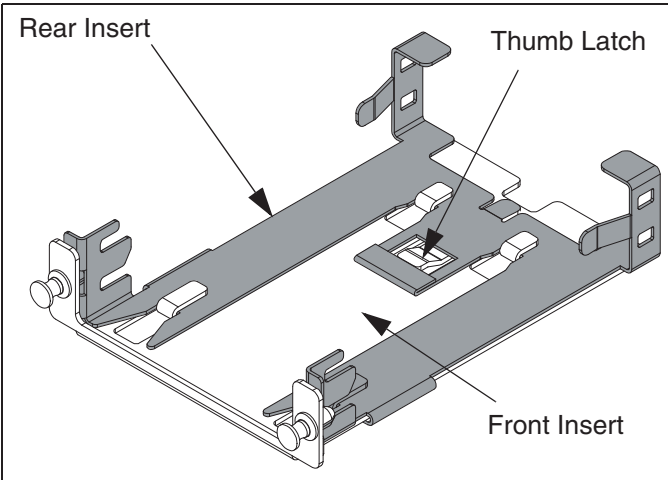


Figure 1:
FLEX-OPTI-1RU
removed from
packaging

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.

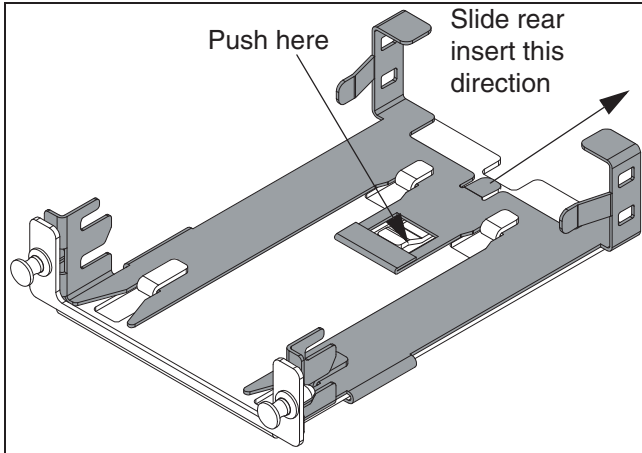


Figure 2:
Showing where
the thumb latch is
located and how
to push down on
the latch and
direction to slide
the rear insert

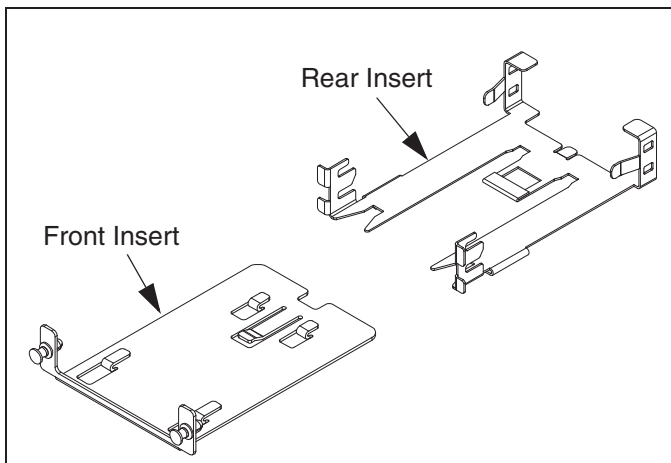


Figure 3:
Front and rear
insert separated
from one another

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.

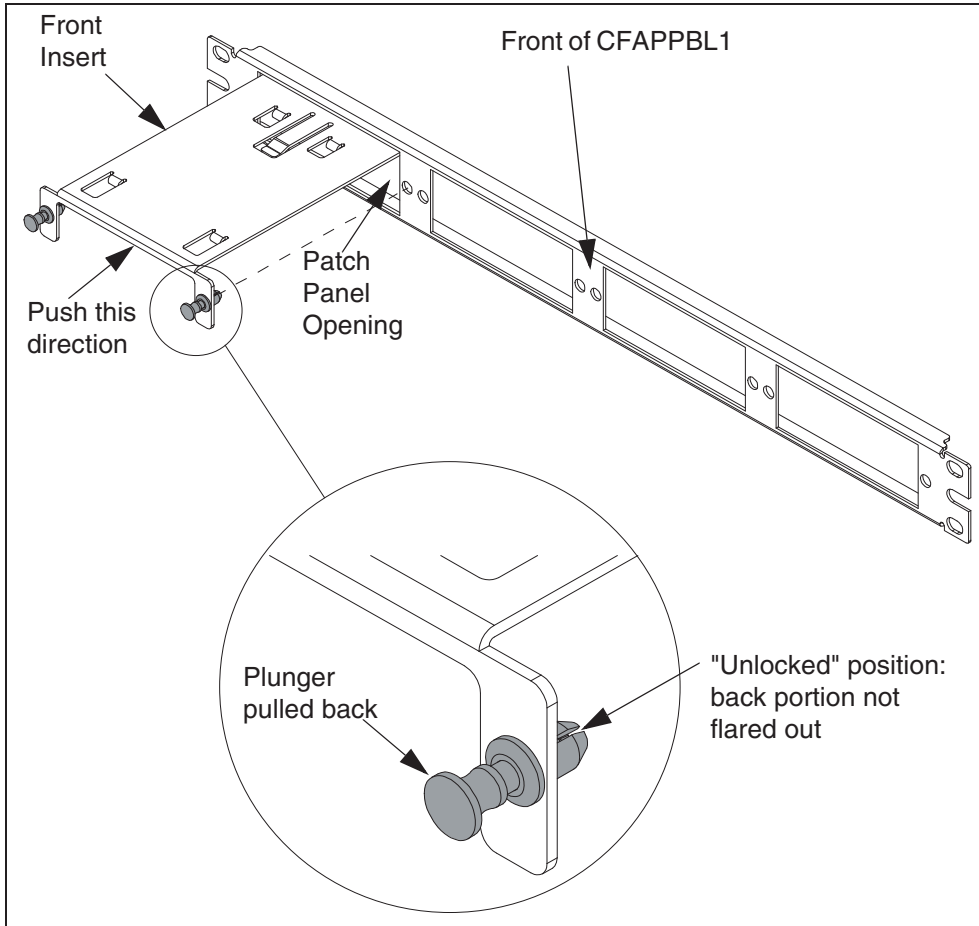


Figure 4:
Front insert oriented
and in process of being
placed into proper
patch panel opening
with plungers in
"unlocked" position

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.

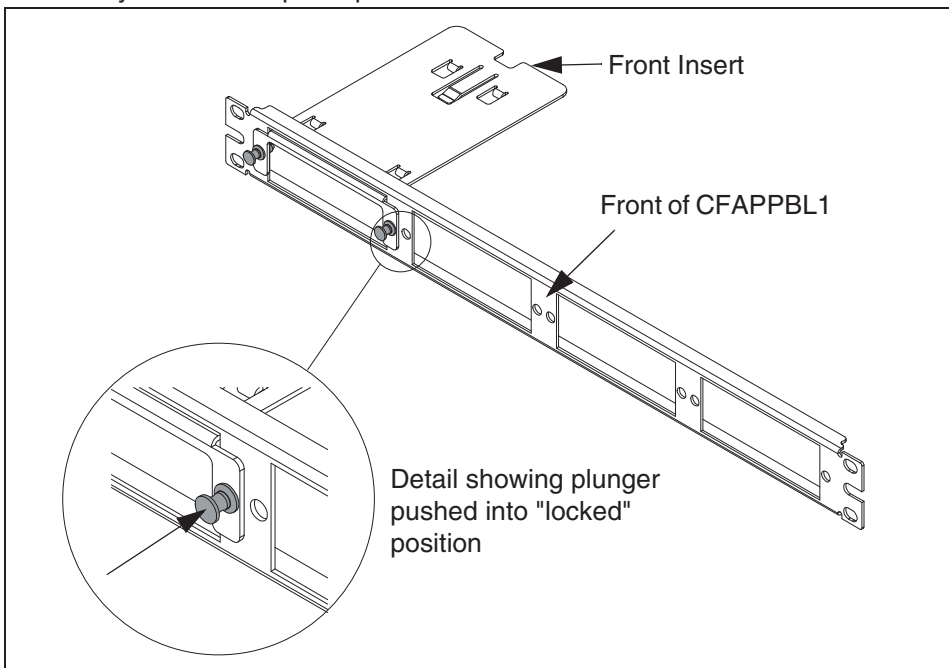


Figure 5:
FLEX-OPTI-1RU front
insert installed into
proper patch panel
holes with plungers
pushed into "locked"
position

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.

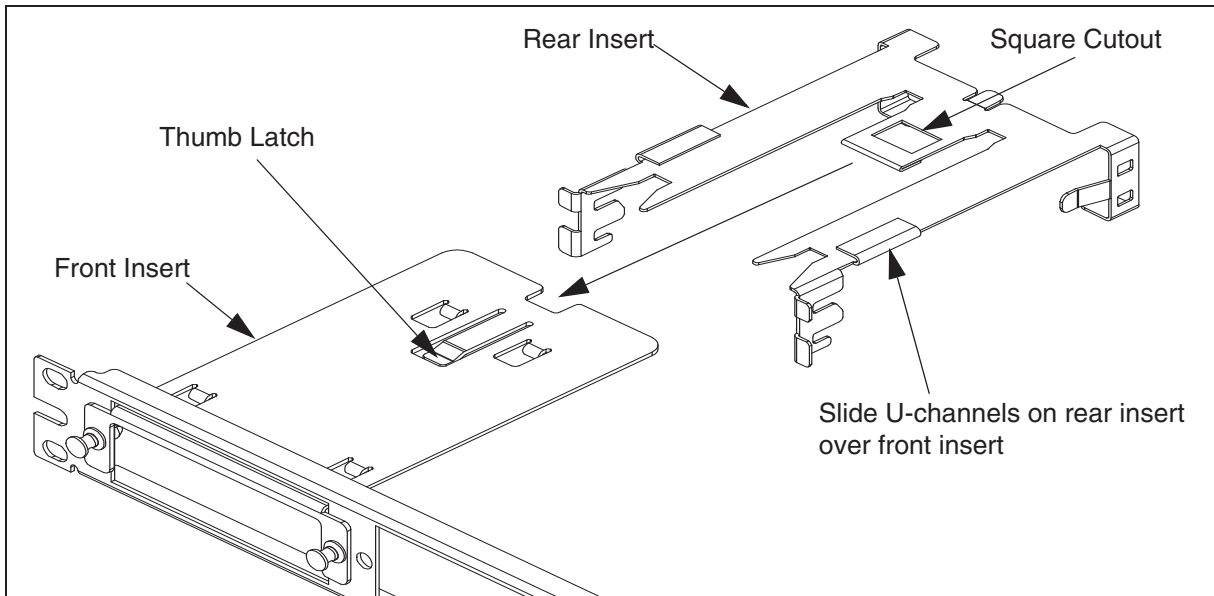


Figure 6:
FLEX-OPTI-1RU rear
insert positioned to be
slid onto front insert

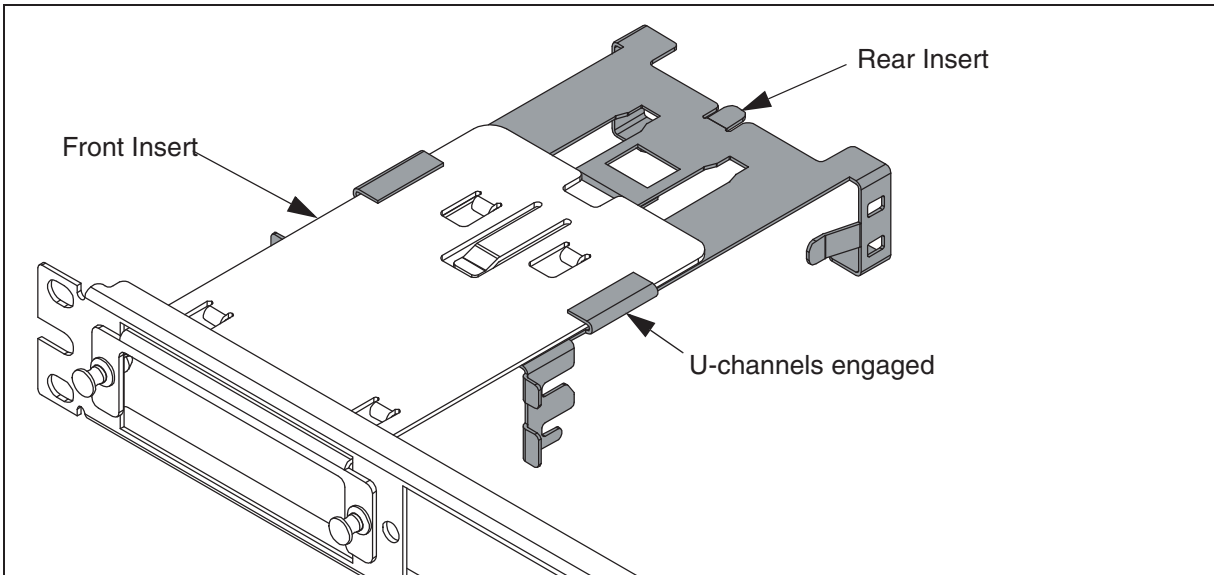


Figure 7:
FLEX-OPTI-1RU rear
insert beginning to
slide onto front insert

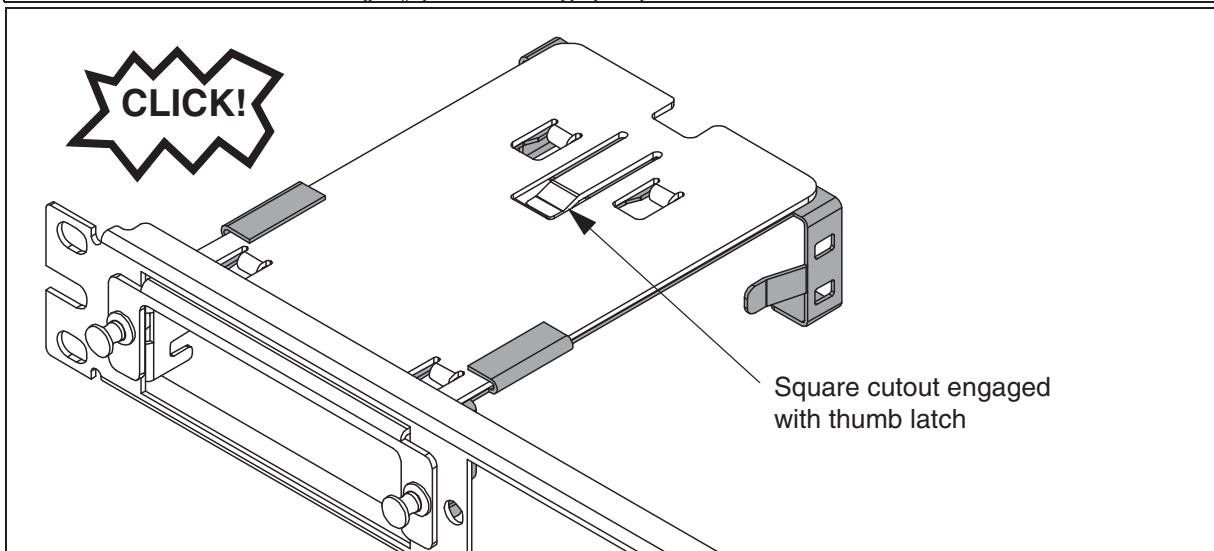


Figure 8:
FLEX-OPTI-1RU
rear insert square
cutout engaged with
front insert thumb
latch, seated into
final position

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.

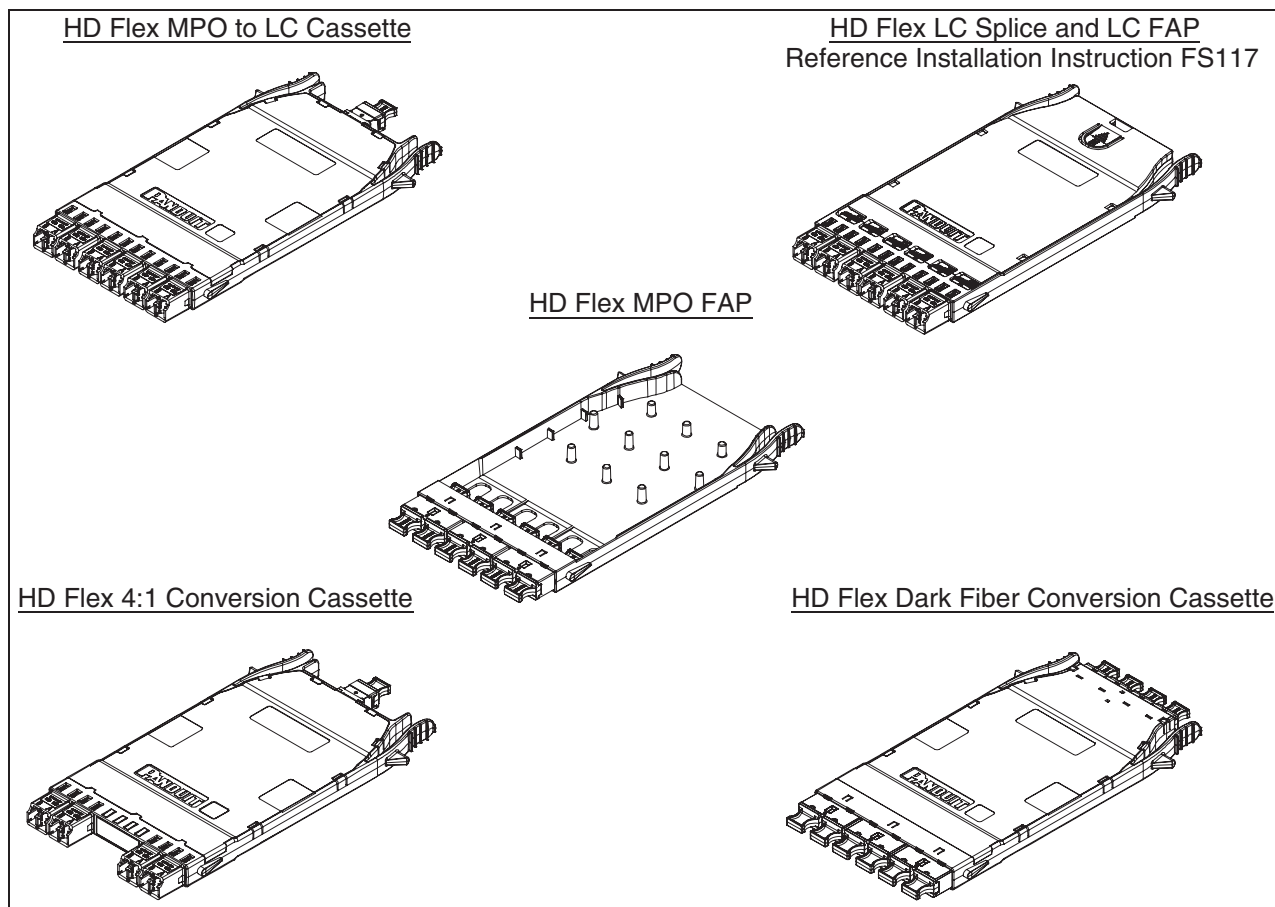


Figure 9:
Compatible HD
Flex Cassette
Modules to be
used with
FLEX-OPTI-1RU

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)

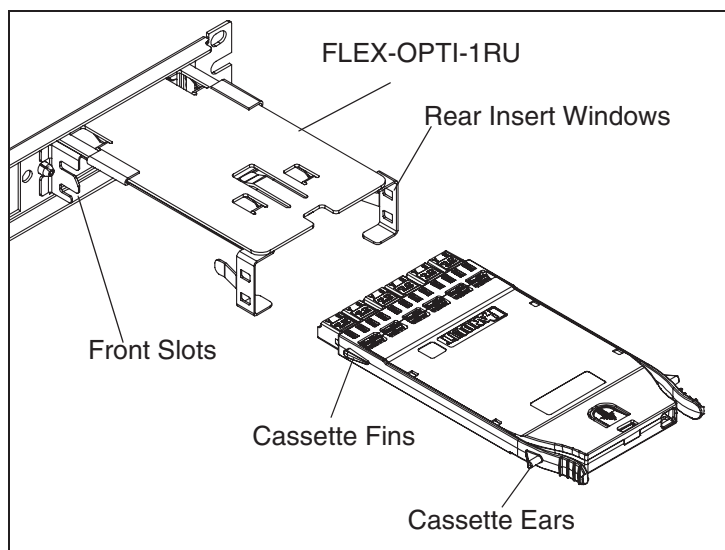


Figure 10: Lower cassette oriented to be inserted into FLEX-OPTI-1RU

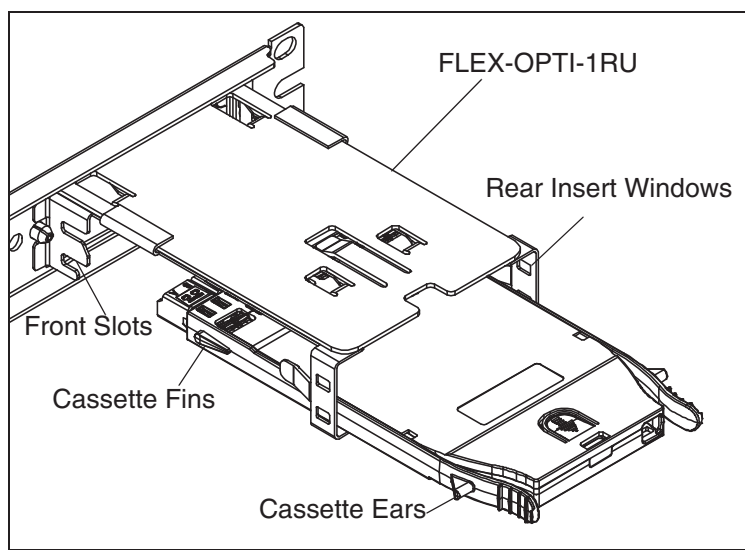


Figure 11: Lower cassette partially installed into FLEX-OPTI-1RU

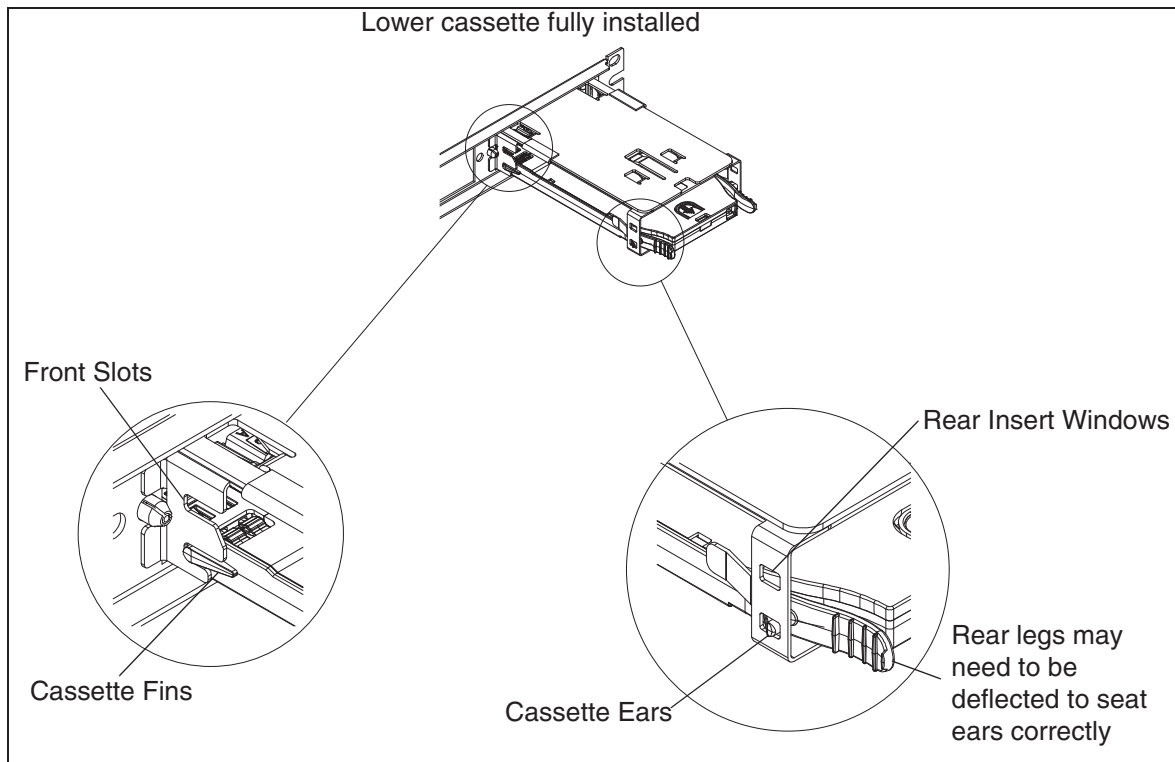


Figure 12:
For proper installation, HD Flex cassette fins are seated within the front slots located on the rear insert. For proper installation, HD Flex cassette ears are seated in the rear insert windows of the FLEX-OPTI-1RU.

3.2 Slide the second cassette module into the top cassette position, following the same procedure as Step 3.1.

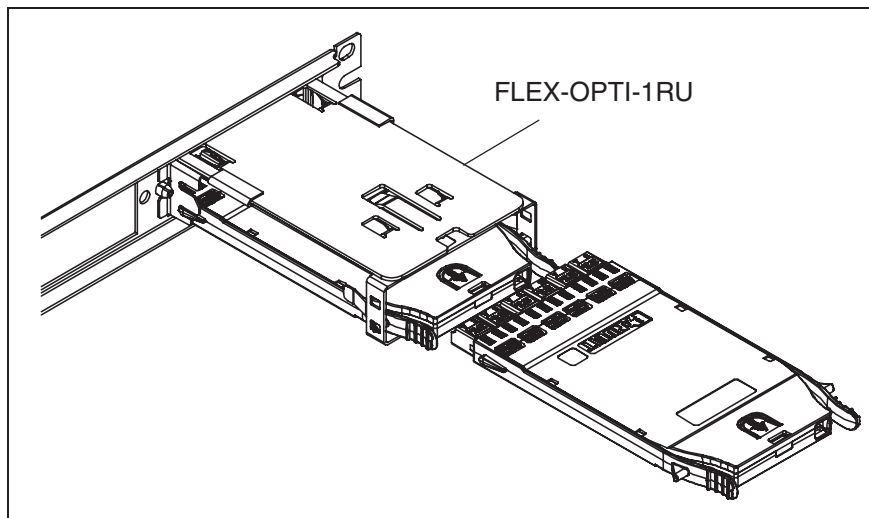


Figure 13:
Upper cassette oriented to be inserted into FLEX-OPTI-1RU

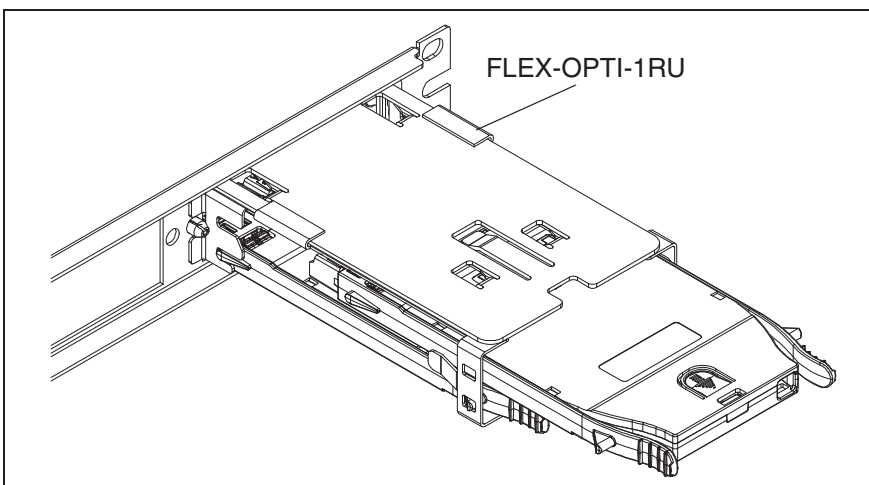


Figure 14:
Upper cassette partially installed into FLEX-OPTI-1RU

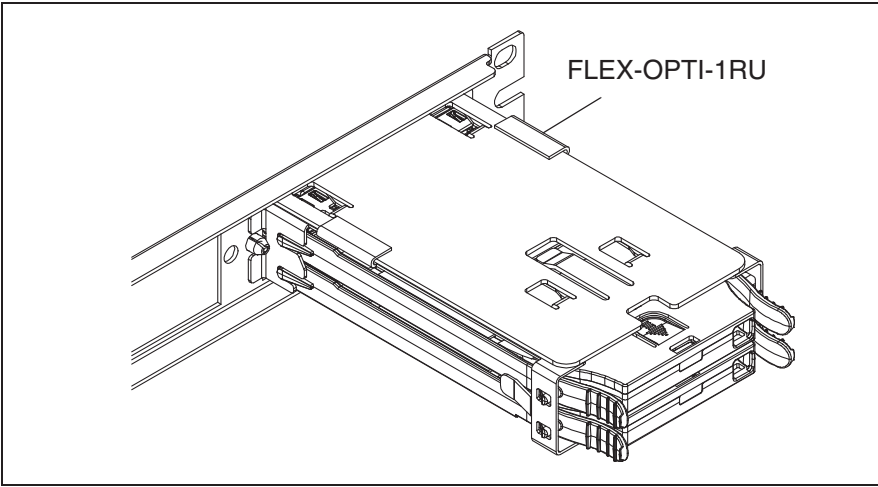


Figure 15:
Upper cassette
fully installed into
FLEX-OPTI-1RU

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

Shown below is a table of patch panels and enclosures which accept 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)
FCE1
FCE1U
FCE1UA
FCE2U
FCE4
FCE4U
FRME1
FRME1U
FRME2
FRME2U
FRME3
FRME4
FMD1
FMD2

Note: FLEX-OPTI-1RU cannot be used with angled patch panels CFAPPBL1A or CFAPPBL2A. Also FLEX-OPTI-1RU cannot be used with angled enclosures FMT1A or FMT2A.