



# Installing Round Hole Adapters for Square Hole Rack Slides for the Cisco Firepower 7100 Series

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This document describes how to install round hole rack adapters that can be used to adapt the square-hole-only sliding rail kits that are supplied with the Cisco Firepower 7100 Series devices. The document contains the following sections:

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**Warning**

**This document applies only to sliding rail kits that have yellow square hole mount retention pieces. Use with other racks and slides is not supported and may cause injury or damage to equipment.**

## Supplied Components

The adapter kit in [Table 1](#) contains all items needed to adapt one sliding rail kit needed to mount one Firepower 7100 Series device in a rack. Your kit should look similar to the kit in [Figure 1](#).

**Table 1** *Round-to-Square Hole Rack Adapter Kit for Firepower 7100 Devices*

Adapter Kit	Contents
FP7100-RND-ADPT=	4 x adapter brackets 8 x M5-0.8mm x 9.52mm Philips flat head screws 4 x Hex standoffs 4 x 8-32 x 5/8 inch (15.87mm) Philips flat head screws 2 x washers



**Figure 1** Round-to-Square Hole Rack Adapter Kit for Firepower 7100 Devices



## Applicable Racks

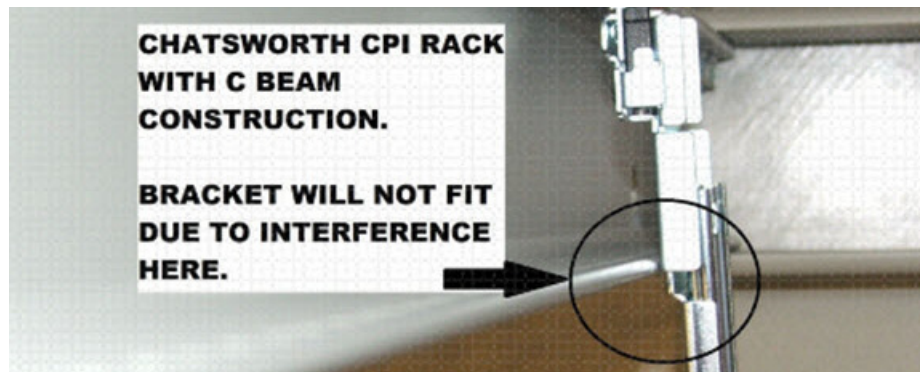
The adapter kit is applicable for use on racks with a rail (vertical mounting flange) thickness of 0.125” (3.18mm) or less. The rack hole pattern must comply with EIA-310-D (or later.) The rails must be threaded with 10-32 holes to use the provided screws. The adapter holes will clear M8 and 12-24 sized screws.



**Warning**

This kit does not work with Chatsworth /CPI racks that use the C shaped beams due to interference with the inner part of the C-Beam and the shoulder of the slide bracket structure (see [Figure 2](#)).

**Figure 2** Chatsworth/CPI Rack Interference



**Note**

Cage nuts and Tinnerman style (clip) nuts are NOT supported. Nuts of any kind behind the rail are NOT supported.



**Note**

Use of the adapters increases both the minimum and the maximum front-to-back rail spacing by approximately 1” (26mm.)

# Installation


**Warning**

Use of non-supported racks or hardware may cause the equipment to fall, which could result in equipment damage or personal injury.

To mount a slide rail to the rack rail/vertical mounting flange:

- Step 1** Screw the hex standoff into the end of the slide rail (see [Figure 7](#)).
- Step 2** Repeat step 1 for each end of the two slide rails.

**Figure 3** Hex Standoff to Slide Rail Ends



- Step 3** Hook the adapter bracket in place behind the tabs on the end slide rail. Note that you must hold the adapter in place, it does not latch onto the slide rail (see [Figure 4](#)).

**Figure 4** Adapter Attachment to Slide Rail Ends

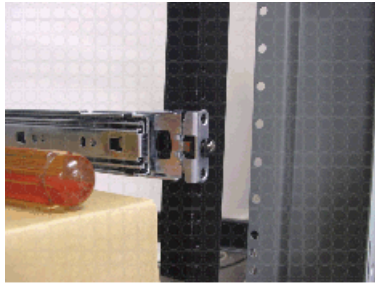


- Step 4** Choose a suitable rack location and identify the correct holes.
- Step 5** Line the end of the slide rail (with the adapter) to the holes. The rail/vertical mounting flange goes into the C shape (from above) of the adapter. Support the back end of the slide rail to ease assembly.
- Step 6** Install one of the four 5/8 inch Philips flat head screws with washer to hold the slide rail in place, but do not tighten completely (see [Figure 5](#)).


**Note**

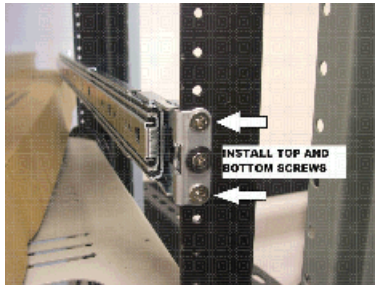
There are two washers in the kit. Use one washer per slide rail.

**Figure 5** *Attach Slide Rail and Adapter to Flange*



**Step 7** Install the shorter M5-0.8mm Philips flat head screws in the top and bottom, but do not tighten completely. They should be a bit loose for free play adjustment of the slide rail (see [Figure 6](#)).

**Figure 6** *Install Top and Bottom Screws*



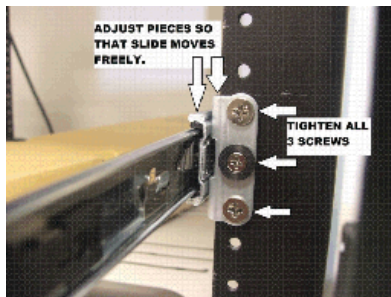
**Step 8** Attach the opposite end of the slide rail in the same manner.



**Note** You do not need to use a washer when attaching the opposite end of the adapter and slide rail.

**Step 9** With the screws slightly loose, there is some movement between the pieces. Extend the slide rail so that both the inner and outer rail extend past the adapter bracket (see [Figure 7](#)). Adjust the pieces so that the slide moves freely, then tighten the three screws on the front and back of the slide rail.

**Figure 7** *Adjust Slide Rail and Tighten Screws*



**What to Do Next:**

- Repeat this for the other slide rail.
- Verify proper screw engagement for the screws going into the rail/vertical mounting bracket.
- Complete installation per the square-hole rack mounting instructions.



Note

The sliding rail kit includes a package of 4 M5-0.8mm x 15mm washer head, Philips screws. These will not be used when the round hole adapter is in place.

## China RoHS Hazardous Substance Table

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
金属部件 (包括紧固件)	×	○	○	○	○	○
印刷电路板组件和元件	×	○	○	○	○	○
线缆和线缆组件	×	○	○	○	○	○
塑料和聚合物部件	○	○	○	○	○	○
显示器, 包含灯泡	×	×	○	○	○	○
除印刷电路板外的其他电子组件	×	○	○	○	○	○
光学玻璃材料	×	○	×	○	○	○
干电池	○	○	○	○	○	○

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