



# Installing Round Hole Adapters for Square Hole Rack Slides for the Cisco Firepower 8000 Series

**Last Updated: May 27, 2015**

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 8000 Series devices. The document contains the following sections:

- [Supplied Components](#) on page 1
- [Applicable Racks](#) on page 2
- [Installation](#) on page 3
- [China RoHS Hazardous Substance Table](#) on page 5



**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 8000 Series 1U or 2U 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 8000 Devices*

Adapter Kit	Contents
FP8000-RND-ADPT=	4 x adapter brackets 8 x 10-32 x 1/4" (6.35mm) Philips pan head screws 4 x M5-0.8mm x 15mm Philips pan head screws 4 x M5 flat washer – optional 4 x M5 lock washer – optional



**Figure 1** *Round-to-Square Hole Rack Adapter Kit for Firepower 8000 Devices*



**Note**

The Firepower 8x60 requires two kits, the Firepower 8x70 requires three kits, and the Firepower 8x90 requires four kits for adapting the sliding rail kits.

## 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.



**Note**

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

User supplied screws may be used, provided that they do not exceed the ¼” (6.35mm) length. Longer screws will not tighten properly. This may be managed with washers. User supplied washers may be used between the rack screws and the adapters if desired.



**Warning**

**Verify that there is sufficient screw engagement in the rack rail if using washers. Failure to do this may cause equipment to fall.**



**Note**

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

# Installation

Installation of the adapters and slide mounts to the rack is performed in two stages which are described in the following sections:

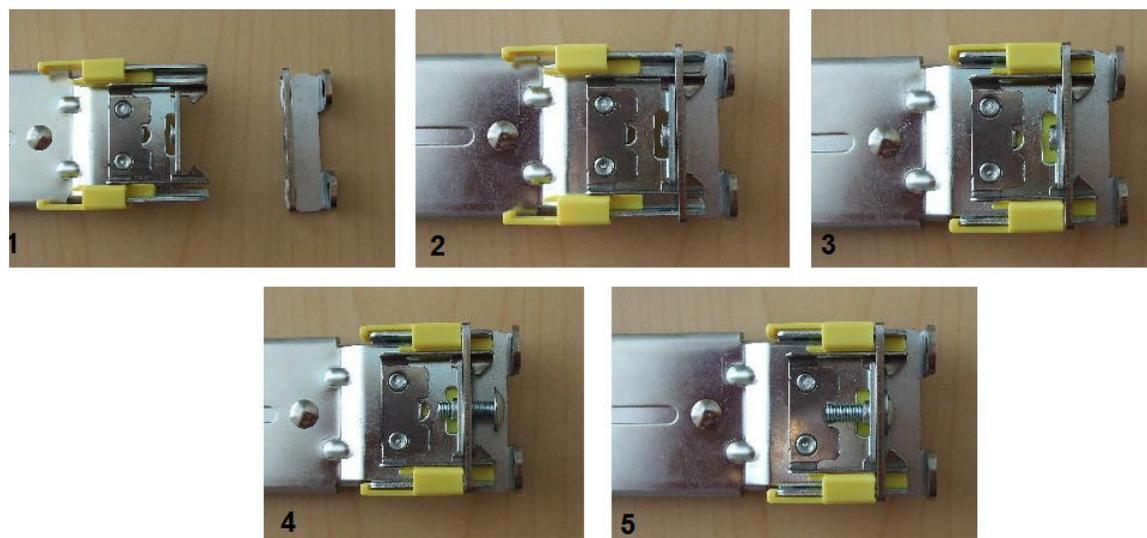
- [Attaching the Adapters to the Slide Rail Ends](#) on page 3
- [Mounting the Slide Rails in the Rack](#) on page 4

## Attaching the Adapters to the Slide Rail Ends

To attach an adapter to a slide rail:

- Step 1** Slide the yellow retention piece away from the end (see “1” in [Figure 2](#)).
- Step 2** Place the square holes over the mechanical catches at the end of the slide (see “2” in [Figure 2](#)).
- Step 3** Slide the yellow retention piece toward the end as shown to lock the mechanical catches in place (see “3” in [Figure 2](#)).
- Step 4** Place an M5-0.8mm x 15mm screw in the threaded hole at the end of the slide (see “4” in [Figure 2](#)).
- Step 5** Tighten the screw (see “5” in [Figure 2](#)).

**Figure 2** Adapter Attachment to Slide Ends



### What to Do Next:

- Repeat this four times, once for each end of the two slides.



### 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.

## Mounting the Slide Rails in the Rack

Mount the slide rails in the rack by attaching the adapters to the rack rails/vertical mounting flanges. [Figure 3](#) shows the sequence for mounting the end of a slide rail to the rack rail/vertical mounting flange.



### 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** Choose a suitable rack location and identify the correct holes. The example rack has markings to simplify this (see “1” in [Figure 3](#)).
- Step 2** Line the end of the slide (with the attached adapter) to the holes. The rail/vertical mounting flange goes into the C shape (from above) of the adapter (see “2” in [Figure 3](#)).
- Step 3** Screw through the adapter end into the rack rail/vertical mounting flange using 10-32 x ¼” (6.35mm) screws provided (see “3” in [Figure 3](#)).
- Step 4** Tighten the screws.

**Figure 3** Slide Attachment to Rack Rail/Vertical Mounting Flange



### What to Do Next:

- Repeat this four times, once for each end of the two slides.
- Verify proper screw engagement for the screws going into the rail/vertical mounting bracket.
- Complete installation per the square-hole rack mounting instructions.

# 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	○	○	○	○	○	○

○ : 代表此种部件的所有均质材料中所含的该种有毒有害物质均低于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》( SJ/T 11363-2006 ) 规定的限量。

×

✕ : 代表此种部件所用的均质材料中, 至少有一类材料其所含的有毒有害物质高于中华人民共和国信息产业部所颁布的《电子信息产品中有毒有害物质的限量要求》( SJ/T 11363-2006 ) 规定的限量。

以销售日期为准, 此表显示在“思科系统公司”的电子信息产品部件中何处存在这些有毒有害物质。请注意, 并非上列所有部件都包含在内装产品中。

除非产品上另有标记, 所有内附产品及其部件的‘环保使用期限’均由此显示的符号表示。此环保使用期限只适用于产品手册中所规定的使用条件。




**Note**

This table is a regulatory document required for products shipped to the People's Republic of China.

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: [www.cisco.com/go/trademarks](http://www.cisco.com/go/trademarks). Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

Any Internet Protocol (IP) addresses and phone numbers used in this document are not intended to be actual addresses and phone numbers. Any examples, command display output, network topology diagrams, and other figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses or phone numbers in illustrative content is unintentional and coincidental.

© 2015 Cisco Systems, Inc. All rights reserved.

♻️ Printed in the USA on recycled paper containing 10% postconsumer waste.

