



# Installing the ONS 15454 SDH Air Ramp Rack Mounting Brackets

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Product Name: 15454E-ARBK-KIT=

This document provides installation procedures for installing mounting brackets on the ONS 15454 SDH Air Ramp shelf, to allow the shelf assembly to be installed in a 19 in. IEC rack (IEC-297-1), or 19/23 in. ANSI racks, and ETSI racks, as defined in ETS 300 119-1[2,3,4]. This Air Ramp mounting kit provides brackets and instructions to forward-mount (38 mm from front) the ONS 15454 SDH Air Ramp. Use this document in conjunction with the *Cisco ONS 15454 SDH Procedure Guide*.

This document contains the following sections:

- [“Air Ramp Kit” section on page -1](#)
- [“Install the Mounting Brackets” section on page -1](#)
- [“Related Documentation” section on page -2](#)
- [“Obtaining Documentation and Submitting a Service Request” section on page -2](#)

This document contains the following procedures:

[“Install the Mounting Brackets” procedure on page -1](#)

## Air Ramp Kit

The Air Ramp rack mounting kit for the ONS 15454 SDH shelf includes the following items.

- 19/23 in. brackets (2)
- Pan Head M4.0 x 8mm mounting screws (2)

## Install the Mounting Brackets

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**Step 1** Verify the rack type for your air ramp installation. The brackets in this kit are compatible with the following racks.

- 19in racks as defined in IEC 297-1(2)



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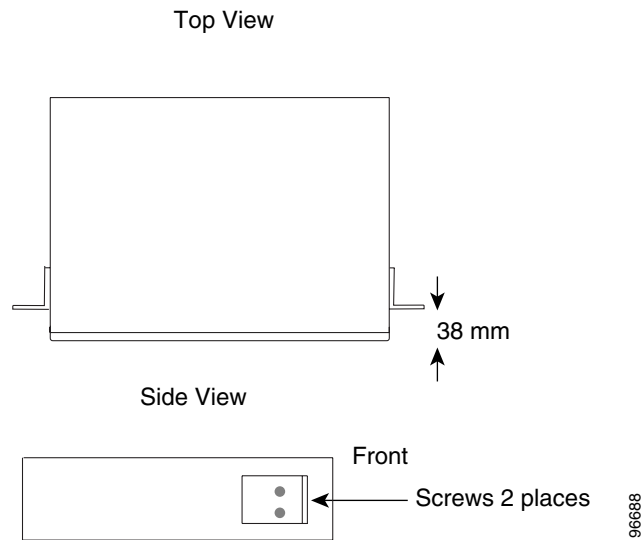
- 19 in. or 23 in. ANSI racks as defined in ETS 300 119-1 (2,3,4)
- 19 in. ETSI racks as defined in ETS 300 119-1 (2,3,4)

**Step 2** Align the mounting bracket screw holes against the shelf assembly screw holes according to [Figure 1 on page -2](#). The bracket mounting holes will align with the forward-most mounting holes on the air ramp. When aligned properly the mounting flange will be 38 mm from the front edge of the air ramp.

**Step 3** Insert the screws (2 places) as shown in [Figure 1](#) and tighten.

**Step 4** Repeat for the other side of the assembly.

**Figure 1 Positioning the mounting brackets**



Refer to *Cisco ONS 15454 SDH Procedure Guide* for procedures to install the air ramp in a rack.

## Related Documentation

- *Cisco ONS 15454 SDH Procedure Guide*
- *Cisco ONS 15454 SDH Troubleshooting Guide*
- *Cisco ONS 15454 SDH Reference Manual*

## Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

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