

Prepare to Install Cisco NCS 1000 Breakout Patch Panel and Modules

This chapter explains how to prepare for Cisco NCS 1000 Breakout Patch Panel and Cisco NCS 1000 Breakout Modules installation.

Note In this chapter, "breakout panel" refers to the "Cisco NCS 1000 Breakout Patch Panel". "breakout modules" refer to the "Cisco NCS 1000 Breakout Modules".

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Package Contents

You can order the breakout panel and breakout modules separately. The breakout panel package contains the 19-inch rack accessory kit as part of the default kit. If necessary, you can order the ETSI and ANSI 23" accessory kits separately. The breakout panel and breakout modules are shipped separately. See PIDs for all PIDs of the breakout panel and breakout modules components.

The shipped breakout panel package contains the following:

- Cisco NCS 1000 Breakout Patch Panel.
- Accessory kit (NCS1K-BRK-KIT)—Includes all the hardware necessary for the breakout patch panel installation on the ANSI 19" Rack. You can order the accessory kits for ETSI (NCS1K-ETSI-KIT) and ANSI 23" (NCS1K-23-KIT) racks as required. The following table describes the contents of the accessory kits.

Table 1: Accessory Kit Contents

Accessory Kit	Contents
NCS1K-BRK-KIT	This kit has the following items for patch panel installation on a 19" rack: • Plastic faceplate (1) • 12–24 x 0.50-inch length Pan head screws (8) • Double hole ground lug (1) • Lock washers for M5 screws (2) • M5 x 10mm length Pan head screws (2) • 6-inch Velcro strips for fiber management (15)
NCS1K-ETSI-KIT	This kit has the following items for patch panel installation on an ETSI 21" rack: • M6 x 20mm length Pan head screws (12) • Z-shaped adapter brackets (2)
NCS1K-23-KIT	This kit has the following items for patch panel installation on an ANSI 23" rack: • 12–24 x 0.5-inch length Pan head screws (12) • Right adapter bracket (1) • Left adapter bracket (1)

The breakout module package includes the following:

- Breakout modules
- Production test report form. The form has the part number and serial number of the manufacturer, Cisco product part number, date, and device description.

Unpack and Verify Cisco NCS 1000 Breakout Patch Panel and Breakout Modules

The breakout panel and the breakout modules are shipped in separate packages. This task describes the steps for unpacking and verifying both the components.

Procedure

Step 1 When you receive the breakout panel and breakout modules at the installation site, open the top of the box.

Step 2 Unpack and inspect the breakout panel and breakout modules.

For more information on the package contents, see Package Contents, on page 1.

Step 3 To remove the breakout panel or breakout modules, grasp the side of the breakout panel or module and lift the panel or module out of the box.

Step 4 If there is any damage, call your Cisco sales engineer for a replacement.