

# How to patch cables on an access layer switch



## Overview

Once both the patch panel and switch are installed, start connecting the cables to the patch panel. Use a punch-down tool to push the wires firmly. There is a patching strategy I like to use when you are stuck using a box of 7 foot cables when all you really need are 3 foot cables. None the less, we all want it to look as neat as it can when we are done. I'm going to show you my practice when it comes to patching which can be easily modified. Although a patch panel and a switch can look similar in a rack, they play very different roles in a structured cabling system. Terminating custom cables I'm sure looks nice, but is a pain in the ass, takes time. From there you mount your switch nearby and use (appropriately named) patch cables to connect each port on your switch to a port on the patch panel. Here's a really simple topology: network drops > patch panel > patch cables > switch ports > single patch cable, not connected to the patch panel. For example, desk locations on an office floor can be cabled back to a wiring closet patch panel which is labeled with the locations.

## Article Content

The patching method I use, and the process I use to deploy it.

This has allowed me to use the same length patch cable all the way across the switch and not end up with too much extra length or come up short. Generally I use 5 foot cables. Since I mostly have to

How to Connect a Patch Panel to a Switch

Plug an Ethernet patch cable into each port on the patch panel and plug the other end into the switch port. These wires can be moved from port to port if needed to

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How To Install A Patch Panel And Switch

Installing a patch panel and switch can seem daunting at first, but with the right tools and guidance, it can be a simple and straightforward process. In this article, we will go step-by-step through the

Access Layer Compact Switch Deployment Guide

rt for these additional access layer ports. The Cisco Catalyst Compact Switch family supports a common feature set with the networking platforms that are a ready a part of your Cisco SBA access layer.

The patching method I use, and the process I use to deploy it.

I've been using what I would call an "inside-out" method, where you patch the outside of the patch panel to the middle of the switch, and work your way across, maintaining row for row on the panel and switch.

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