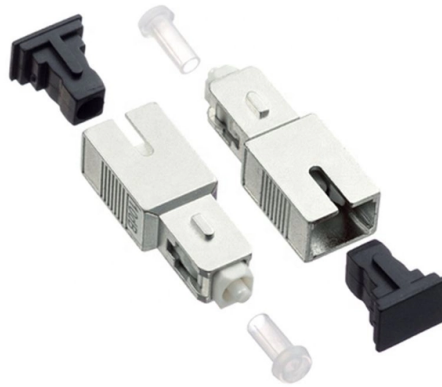


What is a high-performance patch panel for a network cabinet



Overview

To buy the right patch panel for your needs, you first need to know what those needs are. How many connections do you need to support with your patch panel?

Does it need to be a twisted pair, fiber optic, or coaxial panel – or even one that. To buy the right patch panel for your needs, you first need to know what those needs are. How many connections do you need to support with your patch panel?

Does it need to be a twisted pair, fiber optic, or coaxial panel – or even one that can do all three?

Does it need to be rack mounted in a wire cabinet for further expansion down the line, or I. The original term patch came from telephone and radio studios, where standby equipment could be quickly patched in if something failed using patch cords and patch panels like those used in telephone switchboards. Although modern-day patch panels don't work in quite the same way, they have the same overarching role and don't look entirely dissimilar. Patch panels come in all sorts of different shapes and sizes, but for the most part there are three distinct types of patch panels, which all of them fall under. Twisted-pair copper patch panels are built to a certain Ethernet specification, such as Cat 5e, Cat 6, or Cat 6a, and though they are backwards compatible, use different gauges of copper w. Patch panels and network switches are somewhat interchangeable in that they both achieve the same aim of connecting different networked devices together. However, switches tend to be smaller, offering a more limited port selection, aren't typically rack mountable – although some top-of-rack switches do exist – and they are usually more expensive, w.

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