

## Two fiber optic transceivers connected to the same switch



### Overview

How to Ensure Interoperability Between Two Optical Transceivers?

When it comes to the connection between two fiber optic transceivers, the following four factors should be taken into considerations: wavelength, speed, fiber type, and the connection to switches. Selecting the right transceivers is essential in today's competitive market. First requirement: Identical Wavelength. The information in this document is based on all Catalyst 9000 Series switches. Direct attach cables with pre-terminated SFP connections may also be used.

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As long as speed and duplex match, it should work. The switch shouldn't care if you use singlemode, multi mode, or copper. As long as they're the same transceiver on both ends of the link and the same ...



You can use any combination of SFP transceiver the VIVOTEK switches supports, but there are some requirements that need to be fulfilled:  
Requirement 1: Each pair of SFP modules ...



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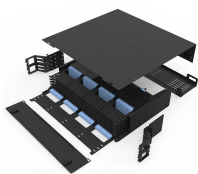
When connecting terminated duplex fiber optic cable between two network switches, ensure the connections are reversed between the SFP transceiver ports (connection A to B and B to A). SFP ...



Learn how single-mode and multi-mode transceivers differ, compatibility rules, testing tips, and best practices for reliable fiber deployments.



This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications.



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## Contact Us

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