

Is Mikrotik compatible with Cisco optical modules



Summary of Content

MikroTik devices are generally compatible with Cisco optical modules, as long as the modules adhere to industry standards like the Multi-Source Agreement (MSA), though some configuration adjustments may be required.

Compatibility Overview

MikroTik devices support a wide range of SFP, SFP+, SFP28, QSFP+, and QSFP28 transceivers, including those from other vendors such as Cisco, provided they comply with the MSA standard. Cisco modules can work in MikroTik equipment because MikroTik only requires the standard MSA code fields to recognize the transceiver, such as data rate, wavelength, and vendor information. However, Cisco modules often include vendor-specific coding or a “vendor lock” key that is required for Cisco devices to recognize the module as genuine. MikroTik devices do not enforce this restriction, so Cisco modules can operate freely in MikroTik hardware. Conversely, MikroTik modules typically cannot be used in Cisco devices due to the absence of this vendor key.

Practical Considerations

- **Firmware and FEC Settings:** Some MikroTik devices, especially those with SFP28 or QSFP28 interfaces, may require enabling FEC (Forward Error Correction) modes like fec74 or fec91 to ensure a stable link with Cisco modules.
- **Link Rates:** MikroTik devices with SFP+ and SFP28 ports may need SFP Rate Select settings configured to avoid data corruption, particularly when using 10G or 25G modules.

Article Content

KB 580001

The partner is requesting a confirmation that their planned topology of using MikroTik with their Cisco Core switch will work fine and

10/20/2020 MikroTik SFP module compatibility table

MikroTik SFP/SFP+/QSFP+ compatibility Note: MikroTik devices and SFP/SFP+/QSFP+ modules do not have any restrictions for

Optical Transceiver Compatibility in Multi-Vendor Networks

A practical guide for system integrators and telecom operators managing optical transceiver compatibility across

Cisco qsfp modules compatibility with mikrotik switches

I'm planning to connect a crs326-24s and a CRS354-48P via qsfp+ (40gb) over MM Fiber. However here I can't find

Cisco Optics-to-Device Compatibility Matrix

Comprehensive compatibility information for Cisco optical transceivers and network devices Disclaimer: Cisco makes the data in this

MikroTik · Switches

MikroTik makes networking hardware and software, which is used in nearly all countries of the world. Our mission is to make existing

SFP compatibility ?

Hello, I have 962UiGS-5HacT2HnT and trying to use it with one of these SFPs : Cisco AFBR-57F5PZ-CS1 Intel

MikroTik wired interface compatibility

SFP+ interface compatibility with 1G optical transceivers For MikroTik devices with SFP+ interface that support both 10G and 1G link

Connecting Mikrotik With Fiber Optic

Testing Procedure Connect the optical light source to the transmitting end of the test cable. Connect the power meter to the receiving

MikroTik

We would like to show you a description here but the site won't allow us.

10GBASE-T SFP+ to RJ45 Transceiver, 10G Ethernet Copper Module, Optical ...

Amazon : 10GBASE-T SFP+ to RJ45 Transceiver, 10G Ethernet Copper Module, Optical SFP RJ 45 10Gb T Mini-GBIC

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Mikrotik engineers checked and Cisco SFP-10G-SR= & S+85DLC03D modules are compatible if using same (850nm) wavelength.

MikroTik SFP module compatibility table

SFP+ interface compatibility settings with SFP optical transceivers Note: Section moved to MikroTik wired interface

MikroTik wired interface compatibility

MikroTik SFP/SFP+/QSFP+ compatibility Note: MikroTik devices and SFP/SFP+/QSFP+ modules do not have any restrictions for

What You Need to Know About 1.25 Gbps and 10G SFP/SFP

Universal SFP optical modules offer cross-platform compatibility with Cisco, MikroTik, and Ubiquiti devices when MSA-compliant.

MikroTik/SFP module compatibility table

1 Compatibility between MikroTik made SFP modules and MikroTik RouterBOARD hardware 1.1 S-RJ01 1.2 S+RJ10 1.3 SFP+

MikroTik Cisco SFP Compatibility Guide | EDGE Optical Solutions

Yes, MikroTik devices can generally use Cisco-compatible SFP transceivers as long as they adhere to the MSA

10G SFP Compatibility List – Complete Guide for Cisco, Ubiquiti ...

Explore the complete 10G SFP+ compatibility list for Cisco, Ubiquiti, MikroTik, HPE Aruba, Dell, Juniper, Arista, Fortinet, and more.

Compatibility with SFP Ports

From RouterOS 7 - there are few updates, that drop to zero compatibility of some SFP modules due to the Mikrotik

Mikrotik SFP / Cisco

Hi Guys, Anyone here using the Mikrotik MM / SM SFP modules on Cisco 9200 switches (1G links)? I know there are

How To Check The Compatibility Of Cisco Optical Modules with

When using optical modules with switches, you need to confirm the compatibility between the optical module model

SFP compatible modules for Mikrotik Routers

IOS software. Transition Networks SFP modules ARE NOT Cisco OEM brand modules." so you should be able to use with most of

Gigabit SFP Optical Module for Cisco, Ubiquiti, and MikroTik: Real ...

Yes, a single-fiber SFP optical module operating at 1310/1550nm wavelengths can fully replace dual-fiber transceivers in Cisco

Cisco Optics-to-Device Compatibility Matrix

Cisco does not support third party optics. For the guideline on third party components, see Section 6 of Cisco's Non-Entitlement Policy.

MikroTik wired interface compatibility

This article shows the compatibility of MikroTik devices with SFP, SFP+, SFP28, QSFP+, QSFP28 and QSFP56-DD

MikroTik · Products

MikroTik makes networking hardware and software, which is used in nearly all countries of the world. Our mission is to make existing

SFP+ Compatibility with CISCO

Hi I have a mikrotik ccr1072-1G-8S+ with a S+DA0001 going to a CISCO 3750X installed with a C3KX-NM-10G

MikroTik wired interface compatibility | RouterOS Manual

While MikroTik cannot ensure full compatibility with modules from all manufacturers, as long as the other vendor modules and

Gigabit SFP Optical Module for Cisco, Ubiquiti, and MikroTik: Real ...

The blog discusses the real-world application of SFP optical modules, focusing on their ability to replace dual-fiber transceivers in

10Gtek 10Gb SFP+ RJ45 Copper Module 30-meter, 10GBase-T SFP

10Gtek 10Gb SFP+ RJ45 Copper Module 30-meter, 10GBase-T SFP+ Ethernet CAT.6a Transceiver, Compatible for Cisco SFP-10G

Ultimate Guide to MikroTik SFP Modules: Performance, Compatibility,

MikroTik is a well-known networking company that provides an array of SFP modules meant to cater to various

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