


Selection Guide for New QSFP Optical Modules for Campus Networks

Ordering information

NO.	1	2	3	4	5	6
Model	SPF12M1	SPF24M2	SPF48M4	SPF6M1	SPF12M2	SPF24M4
Product name	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel	Patch Panel
Illustration						
HU	1	2	4	1	2	4
Maximum number of cores	144	288	576	144	288	576
Product size (excluding modules and adapters)	482.6*371.1*44 mm	482.6*371.1*88.1 mm	482.6*371.1*177 mm	482.6*371.1*44 mm	482.6*371.1*88.1 mm	482.6*371.1*177 mm
Standard color code	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005	RAL9005



Overview

A practical, engineer-friendly guide to choosing the right transceiver form factor by speed, port density, power, migration plan, and operational risk—built for 25G/100G networks in 2026. LINK-PP QSFP modules offer a wide range of options that are MSA-compliant and tested for interoperability with leading switch and router brands such as Cisco, Juniper, Huawei, and Arista. By reading this guide, you will learn how to: Distinguish between QSFP+, QSFP28, QSFP56, and QSFP-DD modules. QSFP (Quad Small Form-Factor Pluggable) optical modules emerged to meet this demand, becoming a pivotal technology for data center interconnects due to their compact size and exceptional performance. From the initial 40G to today's 800G, the QSFP family has continuously evolved, driving the.



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How to Choose the Best 40G QSFP+ Transceiver for

This article comprehensively explains 40G QSFP+ transceivers core principles, key selection parameters, and provides scenario-based selection guidance to help

Guide to QSFP Modules for Data Centers & Enterprises

Introduction: What is a QSFP Module? QSFP modules are high-density, low-power, small form factor pluggable (QSFP) transceiver modules for



Comprehensive Guide to QSFP - MapYourTech

QSFP modules employ various optical connector types depending on the application and reach requirements. The mechanical interface must ensure

A Complete Guide to Selecting 100G QSFP28 Optical

Choose the best 100g qsfp28 optical transceiver for your network by comparing compatibility, distance, fiber type, and future-proofing options.

The Ultimate Reference Table for SFP & QSFP Optical Transceiver

The definitive guide to SFP, QSFP, and QSFP-DD standards for 2025. Compare 400G/800G optics, understand PAM4 complexity, and master QSFP-DD vs OSFP deployment



How to Choose QSFP-DD: Step-by-Step Selection Guide

Learn how to choose QSFP-DD transceivers for 400G/800G networks, including reach, compatibility, power, and breakout options.

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

QSFP Optical Module Guide: 40G to 800G Evolution & Selection (QSFP)



The definitive guide to the QSFP optical module series (40G, 100G, 400G, 800G). Learn the technical differences, evolution path, and optimal selection criteria for QSFP+, QSFP28, QSFP

How to Choose QSFP Modules: 40G, 100G & QSFP-DD Guide

This article will provide a complete, practical guide to help network engineers, IT managers, and procurement teams confidently choose the right QSFP module for their high-performance network

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.



40G QSFP: The Core of Optical Network Interconnection

Learn how QSFP works, and why it is essential for optical networks. Explore selection tips for data centers and high-speed connectivity.

40G QSFP+ Optical Transceivers Complete Guide

How 40G QSFP+ optical transceivers boost performance in data centers and telecom networks. Learn about types, use cases, and cost-saving benefits.

QSFP 40G 80km: Complete Guide to 40G Long-Distance Optics



This guide explains what QSFP 40G 80km modules are, how they work, their key specifications, and when they are the right choice for long-distance optical networking.

QSFP-100G-LR4-S Cisco Compatible Transceiver Selection Guide

Learn key specs, fiber requirements, and compatibility criteria to select the right QSFP-100G-LR4-S Cisco compatible module for high-speed connectivity.

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

Compare SFP, SFP+, SFP28, QSFP+ and QSFP28 in this 2026 selection guide. Learn where each form factor fits, decision rules, cost and risk



Complete Guide to 400G QSFP-DD Optical Transceivers

Backward compatibility: This feature allows QSFP-DD to fully backward compatibility with existing QSFP modules including QSFP+, QSFP28, QSFP56, etc. This gives engineers or terminal

FS 100G QSFP28 Selection Guide

A: QSFP-100G-ER4L-S QSFP28 transceiver module is designed for use in 100GBASE Ethernet throughput up to 40km over single mode LC fiber cable. While the QSFP-100/112G-ER4

Extreme Networks Optical Transceivers: QSFP-DD/OSFP Technical Guide



Technical guide to Extreme Networks QSFP-DD and OSFP optical transceivers. Learn about DDM monitoring, compatibility considerations, and deployment strategies for high-speed

How to Choose QSFP Modules: 40G, 100G & QSFP-DD Guide

Learn how to choose QSFP modules for 40G, 100G, QSFP28, QSFP56, and 400G QSFP-DD networks. Compare speed, distance, fiber type, compatibility, and LINK-PP products.

OSFP vs. QSFP vs. SFP: Which Is Right for You?

Confused about the differences between OSFP, QSFP, and SFP? This guide explains their distinct features, applications, and helps you choose the



QSFP-DD Optical Transceivers - MapYourTech

By the conclusion of this guide, you will possess a comprehensive understanding of QSFP-DD technology sufficient to make informed decisions

400G OSFP/QSFP-DD/QSFP112 Module Introduction and Selection

This article explores the technical characteristics, product lineup, and use cases of 400G OSFP/QSFP-DD/QSFP112 modules to choose the most suitable 400G solution for your data centers.

100G QSFP28 Optical Module Selection Guide: Medium to Long

This article tells you how to choose 100G QSFP28 modules for medium and long



transmission distances, as well as the advantages of QSFP28 modules and why you should choose it.

QSFP Optical Module Guide: 40G to 800G Evolution & Selection

The definitive guide to the QSFP optical module series (40G, 100G, 400G, 800G). Learn the technical differences, evolution path, and optimal selection criteria for QSFP+, QSFP28, QSFP

The Ultimate Guide to Cisco QSFP Optical Transceiver

Without a doubt, in high-speed networking environments, Cisco QSFP (Quad Small Form-Factor Pluggable) optical transceiver modules are essential.



The Ultimate Guide to QSFP Cables

Explore the ultimate guide to QSFP cables. Learn QSFP types, differences from SFP, installation methods, and benefits for high-speed data

QSFP Module Guide: Detailed Specs, Use Cases & Selection Tips for

In this comprehensive QSFP module guide, you'll get a hands-on understanding of Quad Small Form-factor Pluggable (QSFP) transceivers, their technical specifications, and practical

Contact Us

For datasheets, pricing, or custom optical networking solutions, please visit:
<https://entrenamientointeligente.es>