SWDM optical module manufacturer

Overview

Dwdm/Cwdm Capable Sfp Modules manufactrer: Supplier List For Wolon Fiber (Wolon Communication is a vertically integrated manufacturer and supplier offerin.

Key Takeaways

Leading manufacturers of SWDM optical modules include HuiGoo Optic, II-VI, Lumentum, Source Photonics, Accelink, and Wolon Fiber, all offering high-performance optical transceivers and WDM solutions.Key Manufacturers and Their Offerings

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

HuiGoo Optic Co., Limited is a global provider of fiber optical components, including WDM, CWDM, DWDM, SFP, XFP, CSFP, SFP+, CFP, and QSFP modules. They offer custom manufacturing according to client specifications and serve markets such as CATV, telecommunication networks, LAN, datacom, and fiber-to-the-home systems, with international clients across the USA, Europe, and Asia . II-VI specializes in advanced SFP optical transceivers and tunable modules for DWDM applications, emphasizing line-rate stability, laser performance, and diagnostic features, making them suitable for carrier-grade and data center deployments . Lumentum produces tunable SFP(+)/SFP28 modules and DWDM pluggables designed for C-band operation, ideal for metro and long-haul systems requiring channel agility and high optical performance . Source Photonics offers a broad portfolio of DWDM and CWDM SFPs for long-distance applications, providing vertically integrated manufacturing for cost-effective, high-volume procurement . Accelink provides 10G DWDM/CWDM SFP+ modules with ranges up to ZR distances (40–80 km), suitable for telecom and data center networks . Wolon Fiber (Wolon Communication) is a vertically integrated manufacturer offering SFP+ and SFP DWDM/CWDM modules, along with fiber cables, MPO, AOC, and passive multiplexing devices. They provide flexible OEM/ODM options and integrated BOM packaging for long-haul projects .

Considerations for SWDM Module Sourcing
• Compatibility: Ensure the modules support the required SWDM wavelengths and data rates.

• Customization: Many manufacturers offer OEM/ODM services for specific wavelength spacing, power levels, and form factors.

• Performance Metrics: Evaluate laser stability, channel spacing, and diagnostic features (DDM/BER logs) for long-haul or high-speed applications.

• Global Availability: Most of these manufacturers have international distribution and after-sales support, which is important for deployment and maintenance. These manufacturers provide a strong starting point for sourcing SWDM optical modules, leveraging their expertise in WDM technologies and high-speed optical transceivers.

Article Content

Dwdm/Cwdm Capable Sfp Modules manufactrer: Supplier List For

Wolon Fiber (Wolon Communication is a vertically integrated manufacturer and supplier offering SFP+ and SFP DWDM/CWDM

Optical Networking Solutions Supplier | Solid Optics

Solid Optics is a global supplier of optical networking solutions, offering transceivers from 1G to 400G and CWDM & DWDM

CWDM Manufacturer, DWDM, Wdm Supplier

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

HuiGoo Optic Co., Limited is a leading worldwide professional manufacturer and provider for fiber optical components products. With

CWDM SFP

Products are wave division multiplexers (CWDM, DWDM, FWDM, OADM, AWM), optical splitters, fiber jumpers, optical switches,

Multiplexers & OADMs

Multiplexers and OADMs – Powerful passive optical networking Smartoptics multiplexers and OADMs are

What Is SWDM4 and 40G SWDM4 Transceiver?

The above is a brief introduction to the 40G SWDM4 optical module. SWDM is a multi-vendor technology that

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and

The Ultimate Guide to CWDM Optical Modules: Principles,

As a professional optical module manufacturer, Svelol provides a range of 1G to 800G optical transceivers, including

SFP Module Transceivers, Manufacturer & Supplier

YXFiber is China manufacturer & supplier who mainly produces SFP Module, SFP Transceivers, with years of experience. Hope to

What is SWDM for Multimode Fiber Solutions

Enter SWDM (Short Wavelength Division Multiplexing), a groundbreaking optical technology breathing new life into

DWDM Technology/Module/Products for Sale, DWDM Manufacturer

DWDM Products DWDM Technology (dense wavelength division multiplexing) can combine multiple optical wavelengths and

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

HTF DWDM equipment,OTN Solution,QSFP28 OSFP

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

HTFuture offers industry-leading fiber optic products and WDM system solutions with global recognition for

What Is SWDM Shortwave Wavelength Division Multiplexing (SWDM) Optical ...

As data centers and telecom operators require higher transmission rates for optical modules,what technologies do

Optical Transceivers

Supporting the OpenZR+ Multi-Source Agreement (MSA), the new 400G OpenZR+ QSFP-DD Optical Module from Molex provides a

Optical Product Line

The Optoelectronics Product Line (OEBU) was established in May 2009. With an experienced team

Multiplexers & OADMs

Multiplexers and OADMs – Powerful passive optical networking Smartoptics multiplexers and OADMs are

What Is SWDM4 and 40G SWDM4 Transceiver?

The above is a brief introduction to the 40G SWDM4 optical module. SWDM is a multi-vendor technology that

10 companies in the optical transceiver industry chain 2024

The rapid development of AIGC has promoted the demand for 800G optical modules, and

The Ultimate Guide to CWDM Optical Modules: Principles,

As a professional optical module manufacturer, Svelol provides a range of 1G to 800G optical transceivers, including

SFP Module Transceivers, Manufacturer & Supplier

YXFiber is China manufacturer & supplier who mainly produces SFP Module, SFP Transceivers, with years of experience. Hope to

What is SWDM for Multimode Fiber Solutions

Enter SWDM (Short Wavelength Division Multiplexing), a groundbreaking optical technology breathing new life into

DWDM Components | OEM Optical Communication Solutions | Corning

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Corning offers an extensive line of high-performance dense wavelength division multiplexer (DWDM) components that combine, or

SWDM Basics: A Beginner''s Guide

These ranges are compatible with the physical dimensions of data centers built for 10G but are now upgrading to

Optical Components and Modules

Everything you need to build an optical network from end-to-end. Thin-film filter and PLC based AWG for multiplexing, a full suite of

SWDM: The Lowest Total Cost Solution for 40G/100G in the

Multi-vendor Approach SWDM technology is not a single-vendor, proprietary solution. A group of companies including optical

DWDM Technology/Module/Products for Sale, DWDM Manufacturer

DWDM Products DWDM Technology (dense wavelength division multiplexing) can combine multiple optical wavelengths and

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

HTF DWDM equipment,OTN Solution,QSFP28 OSFP AI module,MPO

HTFuture offers industry-leading fiber optic products and WDM system solutions with global recognition for excellence and innovation.

What Is SWDM Shortwave Wavelength Division Multiplexing (SWDM) Optical ...

As data centers and telecom operators require higher transmission rates for optical modules,what technologies do

Dwdm/Cwdm Capable Sfp Modules manufactrer: Supplier List For

Wolon Fiber (Wolon Communication is a vertically integrated manufacturer and supplier offering SFP+ and SFP DWDM/CWDM

Optical Networking Solutions Supplier | Solid Optics

Solid Optics is a global supplier of optical networking solutions, offering transceivers from 1G to 400G and CWDM & DWDM

CWDM Manufacturer, DWDM, Wdm Supplier

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

HuiGoo Optic Co., Limited is a leading worldwide professional manufacturer and provider for fiber optical components products. With

CWDM SFP

Products are wave division multiplexers (CWDM, DWDM, FWDM, OADM, AWM), optical splitters, fiber jumpers, optical switches,

SFP Transceivers | 1G, CWDM, DWDM, BiDi | EDGE Optical Solutions

Single-fiber bidirectional SFP modules for OC-3/STM-1 and 100M Ethernet applications. Operating in matched A/B wavelength pairs,

Passive optical components

Our DWDM and CWDM Modules product family is based on 3-port cascades that are designed to offer the

WDM Module | CWDM DWDM MUX DEMUX | AWG OADM FWDM

Opelink is a premier manufacturer of WDM (Wavelength Division Multiplexing) modules, providing advanced optical multiplexing

HuiGoo Optic – Manufacturer of SFP Optical Transceivers,CWDM

HuiGoo Optic Co.,Limited -is a leading worldwide professional manufacturer and supplier of fiber optical components including

DWDM Fiber Optic Solutions

Maximize existing fiber with Amphenol''s cost-effective, high-bandwidth WDM solutions. The Amphenol

Dwdm/Cwdm Capable Sfp Modules manufactrer: Supplier List For

Wolon Fiber (Wolon Communication is a vertically integrated manufacturer and supplier offering SFP+ and SFP DWDM/CWDM

Optical Networking Solutions Supplier | Solid Optics

Solid Optics is a global supplier of optical networking solutions, offering transceivers from 1G to 400G and CWDM & DWDM

CWDM Manufacturer, DWDM, Wdm Supplier

HuiGoo Optic Co., Limited is a leading worldwide professional manufacturer and provider for fiber optical components products. With

CWDM SFP

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved

Products are wave division multiplexers (CWDM, DWDM, FWDM, OADM, AWM), optical splitters, fiber jumpers, optical switches,

Related Video Reference

This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

Contact Us

Continue your research online:

Website: https://alfa-pro.co.za
Technical inquiry: https://alfa-pro.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ALFA PRO COMMUNICATION SYSTEMS (Pty) Ltd - All rights reserved