

Narrowband wavelength division multiplexer manufacturer



Article Overview

Top manufacturers for narrowband WDMs include Corning, Agiltron, Pro Optix, O/E Land, CSRayzer, and DK Photonics, offering high-isolation, low-loss, and high-stability multiplexers for DWDM and CWDM applications.

Leading Manufacturers and Their Offerings

1. Corning – Corning provides a wide range of WDM solutions, including arrayed waveguide gratings (AWG) and DWDM filters. Their products are designed for seamless integration into both inside and outside plant networks, with support for custom configurations and deployment services .
2. Agiltron – Agiltron manufactures fiber-coupled WDM devices, including integrated AWG and discrete filter-based multiplexers. They support SWDM, CWDM, and DWDM solutions with channel spacings of 200 GHz (~ 1.6 nm), 100 GHz (~ 0.8 nm), and 50 GHz (~ 0.4 nm), and offer custom configurations for specialized applications .
3. Pro Optix – Specializing in CWDM and DWDM multiplexers, Pro Optix offers high-density solutions such as the Pro MINI and Pro NANO series. Their products support up to 96 wavelengths on a single fiber pair for DWDM and up to 18 wavelengths for CWDM, with options for LC and CS connectivity to maximize density and robustness .
4. O/E Land – Known for DWDM fiber grating filters, O/E Land provides multiplexers with high isolation (>40 dB) and narrow reflection bandwidths down to 0.06 nm (6.2...

Article Content

Dec 29, 2025

Wavelength Division Multiplexers (WDM) | Corning

Explore wavelength division multiplexers (WDM), their applications, and products and learn why Corning is

Aug 31, 2025

Inverse Design and Demonstration of a Compact on-Chip Narrowband

In wavelength division multiplexing schemes, splitters must be used to combine and separate different wavelengths.

Jan 16, 2026

IR, 2-Wavelength, Single Mode WDMs (≥ 980 nm)

Our WDMs are produced on-site in our North American manufacturing facilities and our design team is able to deliver custom

Nov 15, 2025

Wavelength Division Multiplexing – Buyer's Guide & Suppliers

This buyer's guide for wavelength division multiplexing provides technical background, comparison of major types, selection criteria,

Apr 26, 2026

Wavelength Division Multiplexer at Best Price in India

Find here online price details of companies selling Wavelength Division Multiplexer. Get info of suppliers, manufacturers, exporters,

Nov 11, 2025

Wavelength Division Multiplexing

Wavelength division multiplexing is a multiplexing technique working in the wavelength domain. It is commonly used in the area of

Jul 25, 2025

Wave Division Multiplexers | WDM, CWDM, DWDM | FIBERONE

FIBERONE® offers a complete line of wavelength division multiplexers, including WDM, CWDM, and DWDM modules. These

Aug 12, 2025

High-Performance Wavelength Division Multiplexers Enabled by Co ...

Abstract Wavelength division multiplexers are fundamental to the functioning and performance of integrated photonic circuits, with

Jul 11, 2026

Wave Division Multiplexers | WDM, CWDM, DWDM | FIBERONE

Each wave division multiplexer, coarse wavelength division multiplexer, and dense wavelength division multiplexer is bi-directional

May 30, 2026

DWDM Mux Demux Solutions | Wholesale Factory Supplier

DWDM Product Category Overview Overview: Dense Wavelength Division Multiplexing (DWDM) is a technology that increases fiber

Oct 10, 2025

Wavelength Division Multiplexers (WDM) by AFL | AFL Global

Wavelength Division Multiplexers (WDM) by AFL delivers high-performance engineering, reliability and simplified deployment for

Apr 14, 2026

Wavelength-Division Multiplexing (WDM)

We produce fiber-coupled Wavelength-Division Multiplexing (WDM) devices that combine (Mux) or separate (DeMux) multiple

Sep 26, 2025

WDM 101 | Optical Communications | Corning

WDM Multiplexers and Demultiplexers combine and separate different wavelengths (colors) of light signals

Feb 20, 2026

What is Wavelength Division Multiplexing (WDM): A

Introduction to Wavelength Division Multiplexing (WDM) Wavelength Division Multiplexing

Jun 25, 2026

High-Performance Wavelength Division

Here, we develop a novel design approach that co-optimizes inverse-designed wavelength division multiplexers and distributed

Dec 09, 2025

Fiberdyne Labs, Inc. Wavelength Division Multiplexer, WDM, Modules

Fiberdyne Labs' Wavelength Division Multiplexer (WDM) allows the user to effectively double the capacity of the currently installed fiber.

Nov 27, 2025

Wavelength Division Multiplexers (WDM) Selection Guide

How To Select Wavelength Division Multiplexers Image Credit: Microwave Photonic Systems Inc. Wavelength division multiplexers

Jul 27, 2025

Design and optimization of a low-loss waveguide taper for a narrow-band ...

The fast deployment of high-performance data centers accelerates the development of O-band wavelength division

Oct 29, 2025

Wavelength-Division Multiplexing (WDM)

For optical communication applications, we offer a full range of SWDM, CWDM, and DWDM solutions, supporting channel spacings

Jul 29, 2025

Wavelength Division Multiplexing | WDM Technology in

Learn why Wavelength division multiplexing (WDM) technology carries great potential to

Jul 01, 2026

Fiber Optic Wavelength Division Multiplexer (WDM)

Use of a wavelength division multiplexer will replace the need to add more fiber cable in the network, reducing overall upgrade costs.

Apr 03, 2026

Fiberdyne Labs, Inc. Wavelength Division Multiplexers (WDMs)

Wavelength Division Multiplexers (WDMs) enable end users to channels of light in premium and high isolation grades. Available in

Oct 04, 2025

Narrowband Wavelength Division Multiplexing Enabled by Co

We co-optimize high efficiency wavelength division multiplexers integrated with distributed Bragg gratings using photonic inverse

Jun 23, 2026

DWDM Modules | OEM Optical Communication Solutions | Corning

Corning's dense wavelength division multiplexers (DWDMs) are integrated optical modules that combine, or multiplex, and separate,

Jun 22, 2026

Wavelength Division Multiplexers from CWDM/DWDM

As specialists in WDM multiplexing, Pro Optix offer four different series of WDM multiplexers to our

Sep 02, 2025

Wavelength Division Multiplexers (WDM) Manufacturers

Discover 196 Wavelength Division Multiplexers (WDM) manufacturers and distributors on GlobalSpec. Find

Feb 14, 2026

DWDM Components | OEM Optical Communication Solutions | Corning

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

Sep 19, 2025

Ultra-wideband optical diffractive network for mode ...

This work establishes a unified ultra-wideband optical diffractive model that achieves full-band mode multiplexing

Contact Us

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