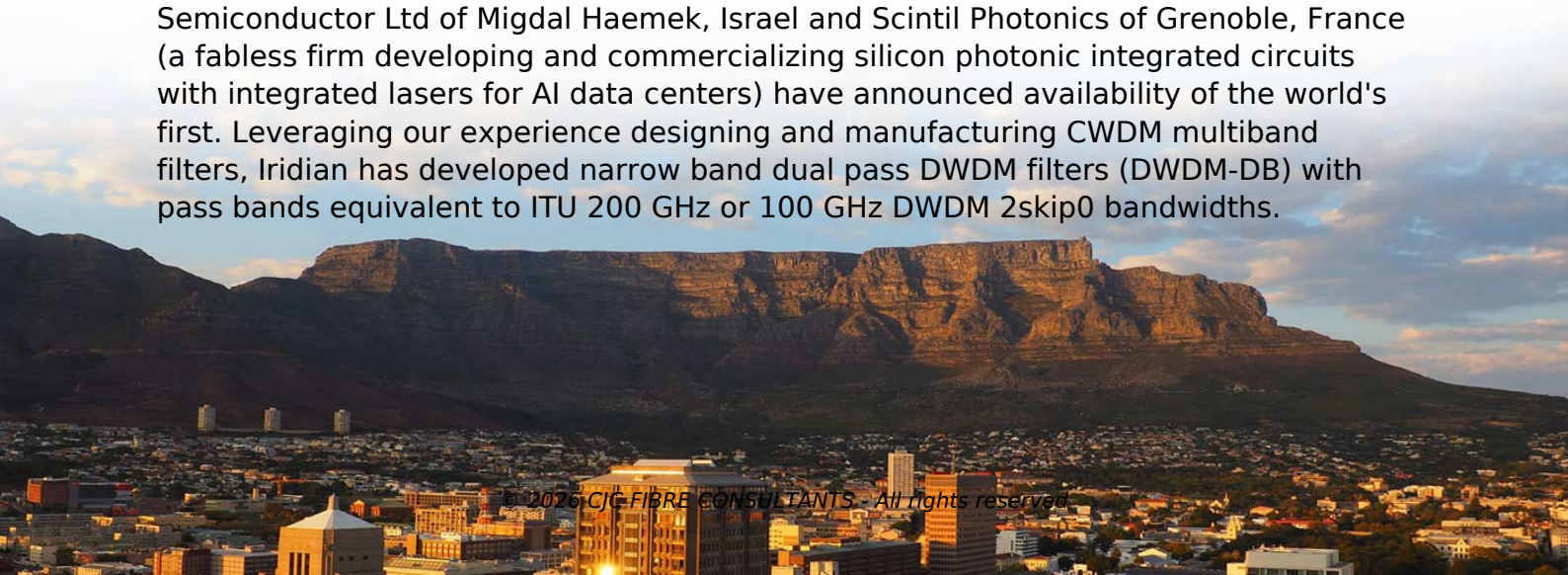
New DWDM Module for Israeli Islands

Overview

MIGDAL HAEMEK, Israel, and GRENOBLE, France, February 17, 2026 - Tower Semiconductor (NASDAQ/TASE: TSEM), the leading foundry for high-value analog semiconductor solutions, and Scintil Photonics, the technology leader in Heterogeneous Integrated Photonics for next-generation. MIGDAL HAEMEK, Israel, and GRENOBLE, France, February 17, 2026 - Tower Semiconductor (NASDAQ/TASE: TSEM), the leading foundry for high-value analog semiconductor solutions, and Scintil Photonics, the technology leader in Heterogeneous Integrated Photonics for next-generation. MIGDAL HAEMEK, Israel, and GRENOBLE, France, February 17, 2026 – Tower Semiconductor (NASDAQ/TASE: TSEM), the leading foundry for high-value analog semiconductor solutions, and Scintil Photonics, the technology leader in Heterogeneous Integrated Photonics for next-generation AI infrastructure. The new RXT-4113+ is our latest generation xWDM OTDR module. Users can now select CWDM, DWDM, combo CWDM+DWDM or DWDM+Legacy optical configurations. Advanced hardware and powerful software supports the testing of both xWDM, Grey optics and single stage PON network architectures. Precise wavelength. Corning's dense wavelength division multiplexers (DWDMs) are integrated optical modules that combine, or multiplex, and separate, or demultiplex multiple optical signals of different wavelengths in a single fiber. By utilizing thin-film technology in the development and manufacturing of our DWDM. Specialty analog foundry Tower Semiconductor Ltd of Migdal Haemek, Israel and Scintil Photonics of Grenoble, France (a fabless firm developing and commercializing silicon photonic integrated circuits with integrated lasers for AI data centers) have announced availability of the world's first. Leveraging our experience designing and manufacturing CWDM multiband filters, Iridian has developed narrow band dual pass DWDM filters (DWDM-DB) with pass bands equivalent to ITU 200 GHz or 100 GHz DWDM 2skip0 bandwidths.



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Article Content

Tower Semiconductor and Scintil Photonics Announce Availability of ...

LEAF Light™ is the first production-ready DWDM laser source that uses heterogeneous integration to monolithically integrate active lasers and established silicon photonics on a single chip.

RXT-4113 xWDM OTDR Module CWDM/DWDM Single Test Port

A unified, intuitive user interface merges both test CWDM and DWDM applications - user can simply connect the fiber to the CWDM or DWDM OTDR port and move between MUX ports as required.

DWDM Modules | OEM Optical Communication Solutions | Corning

By utilizing thin-film technology in the development and manufacturing of our DWDM products, we provide a wide range of solutions for 200 GHz, 100 GHz, and 50 GHz ITU wavelength-spacing

Tower and Scintil announce availability of first heterogeneously ...

It is claimed that LEAF Light is the first production-ready DWDM laser source that uses heterogeneous integration to monolithically integrate active lasers and established silicon photonics

New DWDM-DB Dual Bandpass Filters

Leveraging our experience designing and manufacturing CWDM multiband filters, Iridian has developed narrow band dual pass DWDM filters (DWDM-DB) with pass bands equivalent to ITU 200 GHz or 100

A solution to the laser source bottleneck for DWDM copackaged optics ...

The missing piece was a manufacturable, foundry-aligned DWDM light source that hyperscalers and original equipment manufacturers (OEMs) can actually plan around. With SHIP validated on Tower''s

DWDM Modules

Optiworks'' Dense Wavelength Division Multiplexer (DWDM) is based on Thin Film Filters and advanced packaging technology, manufactured as Telcordial standards and ITU standard. The devices has a

Cisco DWDM Transceiver Modules

Explore Cisco DWDM Transceiver Modules, designed for high-capacity, long-distance optical networking.

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Fiberdyne Labs, Inc. Dense Wavelength Division Multiplexer (DWDM)

Fiberdyne Labs offers Dense Wavelength Division Multiplexer (DWDM) Modules in a wide variety of formats. While Fiberdyne offers some models as "standard," we will also produce customized DWDM

Wavelength-division multiplexing

New amplification options (Raman amplification) enable the extension of the usable wavelengths to the L-band (1565–1625 nm), more or less doubling these

DWDM Technology Evolution and Future Trends

Across the value chain, DWDM innovation is reshaping the global optical market: Upstream – breakthroughs in coherent modules, amplifiers, and

Guidelines for Selecting CWDM and DWDM Hybrid

Whether you''re enhancing an existing network or planning a new one, taking the time to analyze your requirements and understand the

Bezeq Selects Ribbon to Upgrade to New 400G Flexgrid Multi-degree DWDM

Ribbon is upgrading Bezeq''s Israel-wide network to flexgrid multi-degree DWDM (Dense Wave Division Multiplexing. The new network leverages Ribbon''s Apollo family of optical transport

DWDM Equipment in Modern Optical Networks

Explore the role of DWDM equipment in modern optical networks, its advantages, challenges, and future trends in high-capacity data transmission.

Cisco DWDM Transceiver Modules

The Cisco Dense Wave Division Multiplexing (DWDM) Xenpaks allow to integrate WDM transport directly with Cisco 10 Gigabit Ethernet switches and routers. The DWDM Xenpaks (GBICs) and

5 Basic Things You Need to Know About DWDM

DWDM is a key technology in Data Center Interconnect, metro, and long-haul networks. Do you know the basics about it? Let''s explore DWDM technology, its components, working

Priorities of Service Providers for DWDM Networks of ...

Abstract DWDM has emerged as the dominant technology for optical networking over the last 2-3 decades. It enabled Communication Service Providers (CSPs) to increase the bandwidth of their

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Top Dense Wave Division Multiplexing Companies 2025

Dense Wave Division Multiplexing (DWDM) technology enables transmission of multiple data streams over a single optical fiber, increasing bandwidth and reducing latency. As 5G, cloud,

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

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