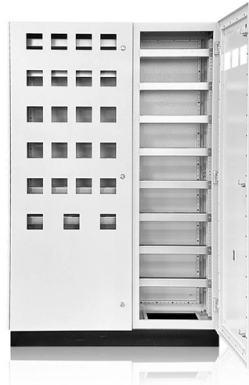


Ireland Wavelength Division Multiplexer Processing Factory



AI Overview

Feasa operates a Wavelength Division Multiplexer (WDM) manufacturing facility in Limerick, Ireland, producing a wide range of WDM devices for telecommunications, aerospace, and fiber sensor industries.

Feasa WDM Manufacturing Facility

Feasa's factory in Limerick specializes in the production of Wavelength Division Multiplexers (WDMs), including standard types such as 1475/1550nm and 1480/1550nm pump WDMs and 1310/1550nm telecommunication WDMs. The facility also offers custom wavelength solutions using either 80μm or 125μm fiber, ensuring high reliability and thermal stability for demanding applications. Feasa's products are widely used in telecommunications networks, aerospace systems, and fiber sensor technologies, and the company is known for rapid delivery and high-quality components worldwide (Feasa) .

WDM Technology Overview

Wavelength Division Multiplexing (WDM) is a fiber-optic communication technology that combines multiple optical signals onto a single fiber by using different wavelengths of laser light. This allows bidirectional communication and significantly increases the data capacity of a fiber network. WDM systems typically use a multiplexer at the transmitter to combine signals and a demultiplexer at the receiver to separate them. Variants include Coarse WDM (CWDM) for cost-effective metro ne...

Article Content

Jan 28, 2026

WDM 101 | Optical Communications | Corning

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

Aug 14, 2025

Intel in Ireland

Today, alongside advanced manufacturing, Intel in Ireland has come to represent a diversity of activities across the spectrum of Intel

Nov 29, 2025

Wavelength Division Multiplexing

Introduction Wavelength division multiplexing (WDM) has enabled a revolution in communications technology. This article describes

Jun 11, 2026

Wavelength Division Multiplexing

Wavelength division multiplexing is a technology where multiple optical signals with different wavelengths are combined for

May 02, 2026

Wavelength Division Multiplexers (WDM) | Corning

NBI and Corning are leveraging WDM technology to efficiently expand rural Ireland's fiber broadband, enabling scalable capacity

Sep 26, 2025

Wavelength division multiplexing

Wavelength division multiplexing is a method of modulating multiple signals at different wavelengths (channels) to transmit them on a

Jan 21, 2026

WDM Basics: Understanding Wavelength Division Multiplexing

WDM (Wavelength Division Multiplexing) technology is an ideal solution to get more bandwidth and lower cost in

May 09, 2026

Wavelength Division Multiplexing: A Comprehensive Guide

Discover the comprehensive guide to Wavelength Division Multiplexing, its role in optical properties, and its

Apr 22, 2026

Optically Multiplexed Systems: Wavelength Division Multiplexing

he need of multiplexers, specifically wavelength division multiplexers. A few popular optical multiplexing techniques are discussed

Nov 26, 2025

Wavelength Division Multiplexers (WDM) Selection Guide

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

Aug 16, 2025

What is WDM? – How wavelength division multiplexing works

Wavelength division multiplexing (WDM) multiplies fiber capacity with up to 80 channels on one fiber. Learn how the key components

Oct 18, 2025

Wavelength multiplexer

Feasa manufactures a wide range of Wavelength Division Multiplexers (WDMs) at its manufacturing facility in Limerick. Standard

Jul 07, 2026

Understanding Wavelength Division Multiplexing (WDM)

Wavelength Division Multiplexing (WDM) is a form of combining multiple signals on laser beams at various IR wavelengths transmitted

Apr 14, 2026

Intel Ireland

Intel founder Gordon Moore came to Dublin to announce the 2,200 job project setting up in Ireland on 3 October. SIPTU were

Jun 01, 2026

Wavelength Division Multiplexers

Feasa manufactures a wide range of Wavelength Division Multiplexers (WDMs) at its manufacturing facility in Limerick. Standard

Nov 14, 2025

Wavelength Division Multiplexing

Each of the four senders generates data streams of a particular wavelength. The optical combiner multiplexes the signals and

Jul 15, 2026

Wavelength Division Multiplexing (WDM)

Wavelength Division Multiplexing (WDM) Abstract Wavelength division multiplexing or WDM allows the combining of a number of

Nov 23, 2025

Wavelength-Division Multiplexing Network

To enable this, fixed wavelength optical add-drop multiplexers (OADMs), shown in Figure 2.2, were introduced in rings

Jun 20, 2026

What is Wavelength Division Multiplexing (WDM): A

Introduction to Wavelength Division Multiplexing (WDM) Wavelength Division Multiplexing

Jun 21, 2026

Wavelength Division Multiplexing Introduction Guide

The cost effectiveness is why Wavelength Division Multiplexing, also known as WDM, has been a favorite technology of the

Aug 18, 2025

What is WDM or DWDM?

What is WDM or DWDM? Wavelength Division Multiplexing (WDM) is a fiber-optic transmission technique that enables the use of

Sep 03, 2025

Ireland Wavelength Division Multiplexer Market | Size 2032

Ireland Wavelength Division Multiplexer Market reveals key trade dynamics shaping the industry, highlighting growth opportunities

Feb 19, 2026

Wavelength-Division Multiplexing

Wavelength-division multiplexing (WDM), increases the information-carrying capacity of a fiber by assigning multiple incoming optical

May 01, 2026

Wavelength Division Multiplexing: A Guide to Fiber Optic Networks

Wavelength Division Multiplexing (WDM) enables multiple optical signals to travel through a single fiber by using

Mar 24, 2026

Wavelength Division Multiplexing (WDM)

NBI und Corning nutzen die WDM-Technologie, um das Glasfaser-Breitbandnetz im ländlichen Irland effizient auszubauen. Dadurch

Dec 12, 2025

Wavelength Division Multiplexing (WDM)

WDM is an acronym used for Wavelength Division Multiplexing. It is a technique in which signals of different wavelength are

Apr 23, 2026

Wavelength-division multiplexing

This technique enables bidirectional communications over a single strand of fiber (also called wavelength-division duplexing) as well

Sep 24, 2025

Optically Multiplexed Systems: Wavelength Division Multiplexing

This ushered in the need of multiplexers, specifically wavelength division multiplexers. A few popular optical

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://ntmmgroup.co.za>

Email: sales@ntmmgroup.co.za

Phone: +27 82 471 2596

Address: Unit 7, Optic Park, 24 High-Tech Lane, Century City, Cape Town,
7441, South Africa

This document is for informational purposes only. Specifications subject to
change without notice.

