

# 40-Channel 100GHz DWDM Mux/Demux Thermal AWG Module

This thermal AWG module is a 40-channel Mux/Demux component designed for use in DWDM systems. It offers high bandwidth and low insertion loss for reliable and efficient optical network solutions.



## Overview

### High-Performance DWDM Solution

The 40-Channel 100GHz DWDM Mux/Demux Thermal AWG Module is a precision-engineered component designed for high-capacity Dense Wavelength Division Multiplexing systems. Featuring 100GHz channel spacing, this unit efficiently multiplexes and demultiplexes optical signals to maximize network bandwidth. Its specialized thermal design ensures stable performance and reliable operation across varying temperature ranges, making it an ideal choice for demanding optical network environments.

## Technical Specifications

Channel Count	40 Channels
Channel Spacing	100 GHz
Module Type	Thermal AWG (Arrayed Waveguide Grating)
Functionality	Multiplexing, Demultiplexing

## Identification

Part Number	FAWG-C40U20-CB0010-01
Serial Number	20120788

## Key Features

### Performance Highlights

**40 CH**

Capacity

**100 GHz**

Spacing

### Core Advantages

- Stable thermal performance
- High channel isolation
- Excellent wavelength accuracy
- Compact form factor