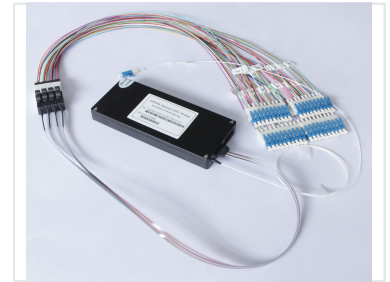


# 40-Channel 100GHz DWDM Mux/Demux AWG Module

This 40-channel AWG module is designed for use in DWDM systems within the C-band release. It is designed to decrease power dissipation in different environmental conditions, with operating temperature controlled by a foil resist heater or Peltier TEC with thermistor temperature sensor.



## Overview

### High-Capacity DWDM Solution

This 40-channel 100GHz AWG Mux/Demux module is designed for high-capacity DWDM systems operating in the C-band. Engineered for reliability, the package utilizes thermal plastic with low thermal conduction to minimize power dissipation. It features advanced temperature control options, including foil resist heaters or Peltier TEC with thermistor sensors, ensuring stable performance across diverse environmental conditions.

## Optical Performance

Number of Channels	40
Channel Spacing	100 GHz
Center Wavelength Band	C-band
Clear Channel Passband	$\pm 0.1$ nm

## Technical Features

Thermal Control Methods	Foil Resist Heater, Peltier TEC, Thermistor Sensor
Supported Fiber Types	SM Fiber, MM Fiber, PM Fiber

## Configuration

### Available Packages

- ABS Box
- 19" 1U Rackmount