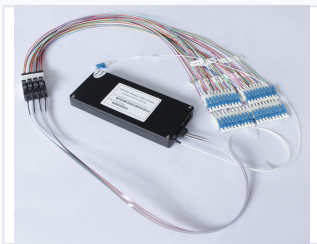


# 40-Channel 100GHz DWDM Thermal AWG Module

This DWDM thermal AWG module is designed for dense wavelength division multiplexing (DWDM) systems. It features 40 channels with 100GHz channel spacing and thermal stabilization for optimal performance.



## ADDITIONAL IMAGES



## Product Overview

### High-Capacity DWDM Solution

This 40-channel Thermal Arrayed Waveguide Grating (AWG) module is engineered for high-capacity dense wavelength division multiplexing (DWDM) systems. Designed for the C-band, it utilizes precise thermal control via foil resist heaters or Peltier TECs to ensure stable performance across varying environmental conditions. This module offers flexible fiber options and packaging configurations, making it a reliable choice for complex telecommunications and wavelength routing applications.

## Technical Specifications

Channel Count	40 channels
Channel Spacing	100 GHz
Operating Band	C-band
Temperature Control Methods	Foil Resist Heater, Peltier TEC, Thermistor Sensor
Compatible Fiber Types	SM Fiber, MM Fiber, PM Fiber

## Performance Features

### Performance Highlights

- Extremely Low Crosstalk
- Low Insertion Loss
- Low Polarization Dependent Loss (PDL)
- Low Chromatic Dispersion

## Compliance & Reliability

### Reliability Standards

GR-1221-CORE • TR-NWT-000468

## Product Configurations

### Available Packages

- Special Metal Box
- 19-inch 1U Rackmount