

# 80-Channel 50GHz Athermal AWG Module

This 80-channel athermal AWG module is designed for 50GHz channel spacing. It features low insertion loss, low PDL, and extremely low crosstalk.



## Overview

### High-Density DWDM Solution

This 80-channel 50GHz Athermal AWG module provides excellent optical performance and high reliability in a compact package. Designed for efficiency, it offers a power-saving solution for dense wavelength division multiplexing (DWDM) systems. The module is fully qualified according to Telcordia reliability assurance requirements, ensuring stable operation for demanding telecommunications applications.

## Key Features

### Performance Highlights

**80 Channels**

Channel Count

**50 GHz**

Channel Spacing

### Key Features

- Extremely Low Crosstalk
- Low Insertion Loss
- Low PDL
- Low Chromatic Dispersion
- Athermal design (no active temperature control needed)

## Compliance & Standards

### Reliability Standards

Telcordia GR-1221-CORE, TR-NWT-000468

## Physical & Configuration

### Fiber Compatibility

- SM fibers
- MM fibers
- PM fiber

### Packaging

19-inch 1U rackmount package

## Applications

### Typical Applications

DWDM Transmission • Wavelength Routing • Optical Add/Drop Multiplexing