

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