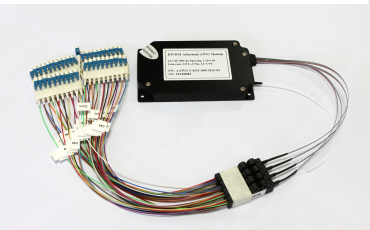
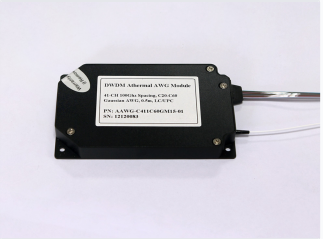
41-Channel 100GHz Athermal AWG Module

This DWDM athermal AWG module is a passive optical component used in dense wavelength division multiplexing (DWDM) systems. It features 41 channels with 100GHz channel spacing and utilizes Gaussian AWG technology.



ADDITIONAL IMAGES



Product Overview

High-Performance Athermal AWG Module

The 41-Channel 100GHz Athermal AWG Module is a high-density passive optical component designed for DWDM systems. It provides excellent optical performance with extremely low crosstalk and insertion loss, ensuring reliable signal integrity without the need for active temperature control. This compact solution is ideal for wavelength routing and optical add/drop multiplexing in professional telecommunications environments.

Optical Performance

Key Optical Metrics

41 CH	100 GHz
Channels	Channel Spacing

Technical Specifications

Wavelength Range	C20-C60
AWG Technology	Gaussian AWG
Fiber Length	0.5 m
Connector Type	LC/UPC

Key Features

Product Features

- Extremely Low Crosstalk
- Low Insertion Loss
- Low Polarization Dependent Loss (PDL)
- Low Chromatic Dispersion
- Athermal design (no power required for temperature control)

Compliance & Applications

Primary Applications

- DWDM Transmission
- Wavelength Routing
- Optical Add/Drop Multiplexing (OADM)

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

Physical Configuration

Available Packages

Compact Module • Metal Box • 19” 1U Rackmount