

# 40CH 100G DWDM MDC Module

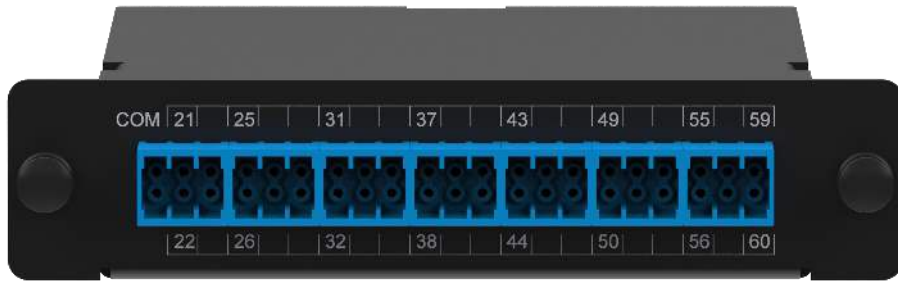


## Product Description

The Adtek Dense Wavelength Division Multiplex Module is designed for DWDM network applications. It is based on the AWG technology and operates at 100G channel spacing ITU Grid DWDM wavelengths from 1520nm to 1600nm.

## Standards Compliance

- Telcordia GR-1209-CORE compliant
- Telcordia GR-1221-CORE compliant
- RoHs-6 compliant



### Product Features

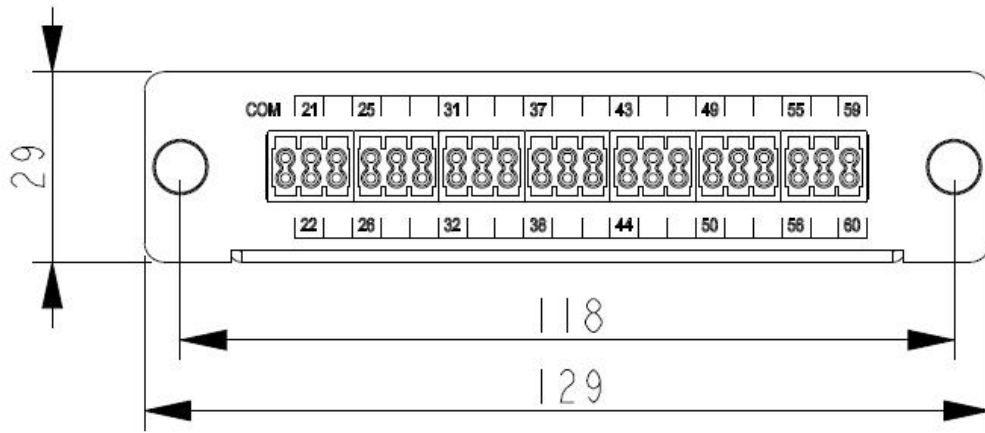
- Low Insertion Loss
- High isolation
- Low Polarization Dependent Loss
- High reliability and high stability

### Product Specifications

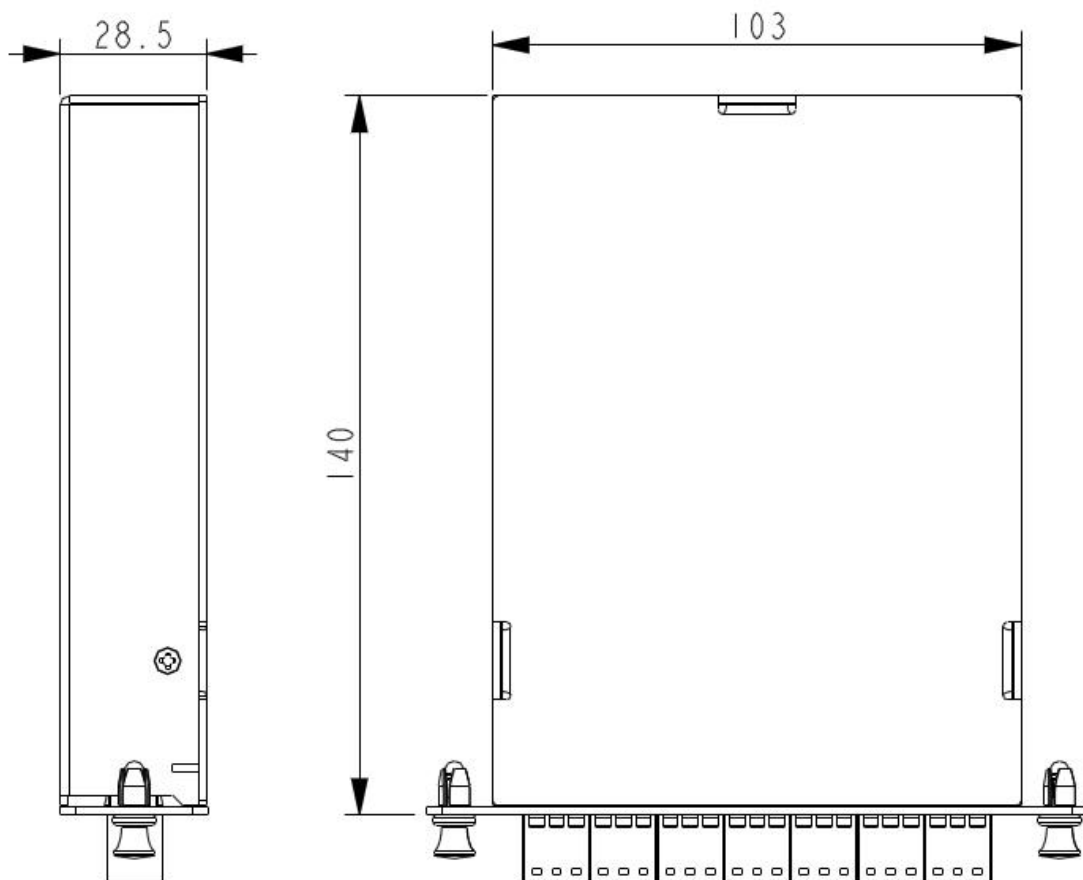
Port Configuration	nm	1X40
Center Wavelength	nm	ITU Grid
Channel Frequency	THz	192.1 to 196.0
Channel Space	GHz	100
Channel Passband @ 0.5dB	nm	0.2
Channels Insertion Loss	dB	≤5.5
Passband Ripple	dB	≤0.5
Adjacent Channel Isolation	dB	≥25
Non-adjacent Channel Isolation	dB	≥30
Polarization Dependent Loss	dB	≤0.5
PMD	Ps	≤0.5
Return Loss	dB	≥40
Directivity	dB	≥45
Power Handling	mw	≤300
Operating Temperature	°C	-5 to 75
Storage Temperature	°C	-40 to 85
Package Dimension	mm	LGX 129*140*28.5
Connector Type	-	MDC/UPC

### Mechanical Dimensio

Front View



Top View



## About ADTEK

Established in 2007, Shenzhen ADTEK Technology Co.,Ltd, located in Shenzhen, is a national high-tech enterprise integrating R & D, production, operation and service.

The company focuses on providing optical fiber and copper cable connection products for global customers, and provides one-stop fiber optic cabling system and network cabling solutions for domestic and foreign operators, telecom main equipment suppliers and system integrators.

Our main products cover high-density data centers, 5G fronthaul, OBO onboard connections, FTTX etc. Based on the purpose of "Quality is everything", our products have passed CE, RoHS, UL, FCC and other certifications to ensure the reliability and stability of each product and provide excellent products for our customers.



Fiber Optic Patch Cord



Fiber Optic Patch Panel



Data Center Cabinet



WDM



AOC



Copper Cable Connection Products



More Products: <https://www.adtekdata.com>

