

## Pluggable 40CH AWG Card

The 40-channel AWG card is the ideal device for increasing the fiber capacity between two sites without the need for installing or leasing additional fibers.

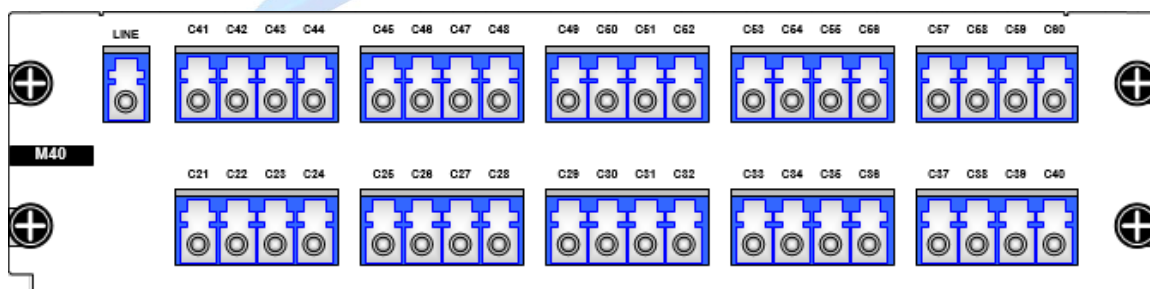
### Product Overview

The single fiber unidirectional passive pluggable 40-channel AWG card of Sintai Communication Co., Ltd has two function modules. Multiplexer board: it supports the multiplexing of 40-channel optical signals of WDM standard wavelength into one-core optical fiber for unidirectional transmission. De-multiplexer board: it divides the mixed optical signals transmitted by multiplexing board at the opposite end into the original multi-channel optical signals of WDM standard wavelength. By configuring 2 pairs of unidirectional wavelength division boards, it can expand the bidirectional transmission channel number to as many as 40 on two-core optical fibers.

### Product Feature

- High isolation, low insertion loss, high reliability and stability, meet GR-1221 standard
- Support 40 DWDM Channels
- Opening is convenient, without power supply, without setting up the working environment
- No energy consumption, meet environmental requirements, no need to increase the machine room load
- No need to debug, no network management necessary, zero maintenance
- Support transparent transmission which is not related to the speed, format, content and applicability of the service
- OPC1600 passive chassis is used to load the card
- Module structure, reusable, long service life

### Product Diagram



40 channels single fiber unidirectional passive multiplexer card

### Product Specification

Number of channels	40
Occupied slot number	2
Wavelength range	DWDM:C Band, 100 GHz
Insertion loss	< 5.5 dB
Isolation ratio of adjacent channels	> 25 dB
Isolation ratio of non-adjacent channels	> 30 dB
Return loss	> 40 dB
Direction	> 45 dB
Interface type	All interfaces are LC type
Work temperature	-40~85°C
Storage temperature	-40~85°C

