Features

- DWDM 100G, ITU-grid
- Low insertion loss
- High channel isolation
- Plug-and-Play
- High stability and reliability
- Support up to 8 channels
- Cost effective

Applications

- Access/Enterprise networks
- Metro networks
- Test system or instrument

Description

GIP Technology DWDM module is designed for the Dense Wavelength Division Multiplex application. It can be applied to multiplex and de-multiplex signals in metro WDM systems and access networking. This module ensures consistent quality, reliability and high performance.

The compact package serves the area size and it can be plug into Passive Subrack Unit (PSUB), for easy spacing management and mountable on the EIA 19 and 23-inch cabinet rack.

May 29, 2018
Version 0.4

GIP Technology Corporation
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Specifications

Optical Information		Unit	Description
Route configuration			Single, with expansion port
Operating wavelength		nm	1528 ~ 1563
Channel number			8
Channel spacing		GHz	100
Channel center wavelength, ITU-grid		nm	1560.61, 1558.98, 1557.36, 1555.75 1552.52, 1550.92, 1549.32, 1547.72
Center wavelength accuracy		nm	± 0.05
Channel passband (@-0.5dB bandwidth)	Min.	nm	0.22
Channel port insertion loss	Max.	dB	3.5
Channel port system insertion loss *2	Max.	dB	4.5
Expansion port insertion loss	Max.	dB	4.0
COM port monitor power ratio	Typ.	%	1
Channel uniformity	Max.	dB	1.5
Channel isolation	Min.	dB	15
Polarization dependent loss	Max.	dB	0.2
Polarization mode dispersion	Max.	ps	0.15
Directivity	Min.	dB	50
Return loss	Min.	dB	45
Optical power handling	Typ.	mW	500
Fiber type			SMF
Connector			SC/PC
Environmental Information			
Operating temperature		°C	0 ~ 70
Storage temperature		°C	-40 ~ 80
Relative humidity (non-condensing)		%	5 ~ 85 @ operating
Outline Information			
Dimension		mm	Plug-in package

*1. All of above values are measured without connector loss

*2. System loss is measured with specified Demux module

*3. The module can be plug on 1U Passive Subrack Unit which is mountable on the EIA 19 or 23-inch cabinet rack

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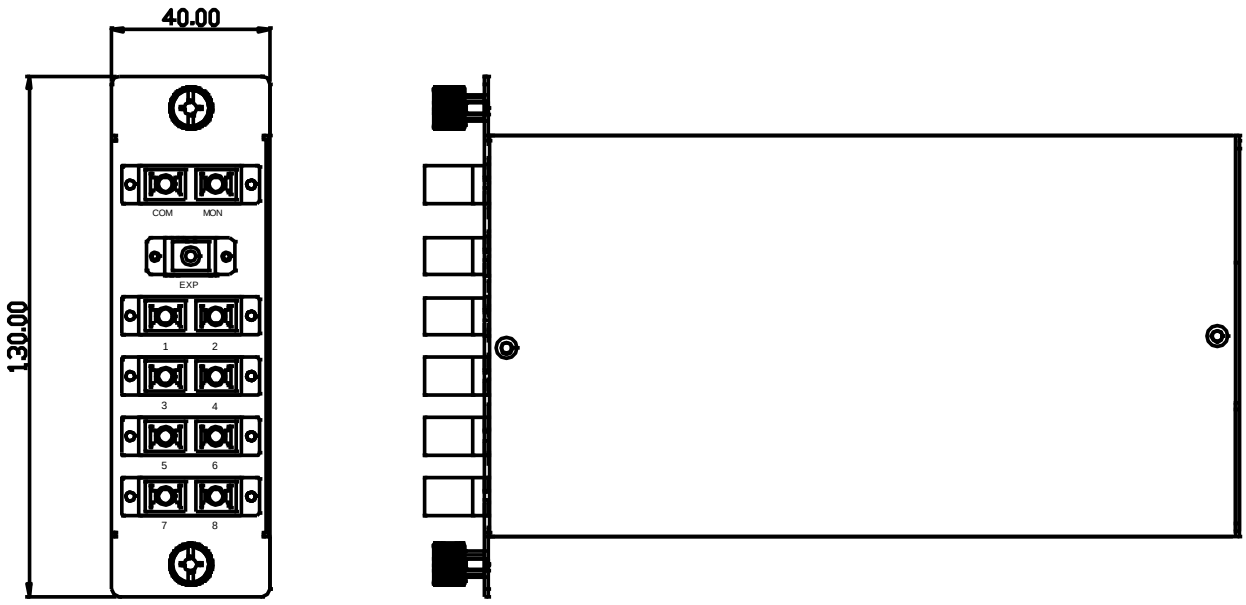
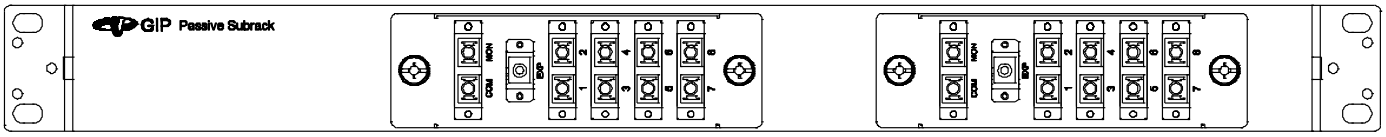
Outline drawing





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