

# 100GHz DWDM 8 Channel Module (1X8)



100GHz DWDM is used to add or drop a particular wavelength and is ideal for telecommunications and networking. Additionally, this module can be used in high-power applications in DWDM systems.

Parameters		Unit	
Center Wavelength		nm	1528-1640, ITU Grid
Channel Spacing		GHz	100
0.5dB Passband Bandwidth	min	nm	ITU +/- 0.11
Insertion Loss without connectors	max	dB	4.5
Insertion Loss mux/demux Pair	max	dB	6.0
Adjacent Channel Isolation	min	dB	25
Non Adjacent Channel Isolation	min	dB	40
Passband Flatness	max	dB	0.5
Optical Return Loss without connectors	min	dB	40
Directivity	min	dB	60
Thermal Wavelength Shift	max	pm/ °C	2
Polarization Dependent Loss	max	dB	0.1
PMD	min	ps	0.1
Fiber Type			900um loose tube
Package Dimension		mm	110(L) X 90(W) X 9(H)
Operating Temperature		°C	0 ~ +70
Maximum Power Handling		mW	500

\* Demux type

## Ordering Information

### DWDM18 - a - b - c - d - e

- a (Channel Spacing) : 100=100GHz / 200=200GHz / 400=400GHz
- b (ITU Channel Number) : For example, C17/C18/C19/C20/C21/C22/C23/C24 (Refer to ITU Channel Table)
- c (Connector Type) : 1=FC-PC / 2=SC-PC / 3=FC-APC / 4=SC/APC / 5=ST / 6=LC / 7=None
- d (Fiber Length) : 1=1m / 2=2m

Customized package size and fiber types are available.

**RoHS Compatible**