

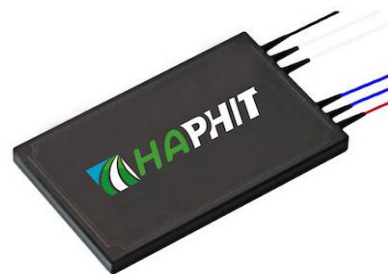
CWDM Multi-Channel PM Mux/DeMux Module

FEATURES

- High Isolation
- Low Insertion Loss
- Epoxy-Free Optical Path
- High Reliability and Stability
- Low Profile Packaging

APPLICATIONS

- Broadband Systems
- Optical Add/Drop Multiplexing
- Telecommunication Networks
- Metro/Access Networks
- CWDM Systems



SPECIFICATIONS

Parameters	Unit	Value		
		4-Ch	8-Ch	16-Ch
Center Wavelength	nm	1270~1610, 1271~1611		
Channel Spacing	nm	20		
Channel Passband Width	nm	+/-6.5		
Insertion Loss	dB	≤2.0	≤2.8	≤5.0
Adjacent Channel Isolation	dB	≥25 for DeMux, ≥15 for Mux		
Non-adjacent Channel Isolation	dB	≥35 for Demux, ≥25 for Mux		
Optical Return Loss	dB	≥45		
Directivity	dB	≥50		
Extinction Ratio	B Type	≥18		≥16
	F Type	≥20		
Working Mode	B Type	Can work both in Fast Axis and Slow Axis		
	F Type	Can only work in Slow Axis and Fast Axis is blocked		
Fiber Type	-	PM1310/1550 Panda Fiber or 10/125um PMDC Fiber (O) 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R) or 25/300um PMDC Fiber (G)		
Fiber Tensile Load	N	5		
Maximum Optical Power (CW)	mW	300		
Operating Temperature	°C	0~70		
Storage Temperature	°C	-40~85		
Package Dimension	mm	L160xW140xH10		L160xW160xH10

Note: 1. Specifications are for device without connectors; Specifications may change without notice.

2. To add connectors, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB Lower, Connector key is aligned to slow axis.

3. Devices for higher optical power or with other type fiber or consigned fiber are also available; Devices can only work in the core of Double Cladding (DC) Fiber, Cladding Power must be stripped before connecting the device.

ORDERING INFORMATION (PN)

FCMP - C	C	C	- NNNN	- C	C	NN	- CC/CCC
Channel Number	Type	Work Mode	Starting Wavelength	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
4- 4-Channel	M- Mux	B- B Type	1471- 1471nm	2-PM1310/1550Fiber	B- Bare fiber	05-0.5m	N-Without Connector
6- 6-Channel	D- DeMux	F- F Type	1550- 1550nm	0-10/125 PMDC Fiber	L- Loose Tube	10-1.0m	FC/APC-FC/APC Connector
8- 8-Channel			1310- 1310nm	T-12/130 PMDC Fiber	2- 2mm Cable	15-1.5m	LC/PC-LC/PC Connector
H- 16-Channel			1271- 1271nm	G-25/300 PMDC Fiber	3- 3mm Cable	20-2.0m	SC/UPC-SC/UPC Connector

