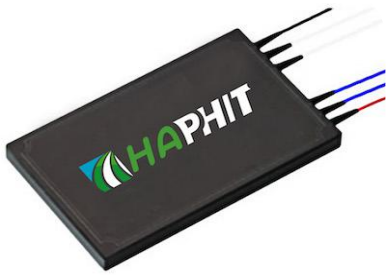
CWDM Multi-Channel High Power PM Mux/DeMux Module

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		
Channel Uniformity		dB	≤1.0		≤1.5
Optical Return Loss		dB	≥45		
Directivity		dB	≥50		
Extinction Ratio	B Type	dB	≥18		≥16
	F Type	dB	≥20		
Working Mode	B Type	dB	Can work both in Fast Axis and Slow Axis		
	F Type	dB	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		
Max. Optical Power (CW)		W	1, 2, 3, 5, 10		
Operating Temperature		°C	0~50		
Storage Temperature		°C	-40~85		
Package Dimension		mm	^{L}160x^{W}140x^{H}10		^{L}160x^{W}160x^{H}10

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. Only guarantee 1W continuous wave (CW) power thru testing for connectors added.

4. 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.

5. Package size may be different for different optical power and configurations.

ORDERING INFORMATION (PN)

FCMP- C C C - NNNN -HP NN - C C NN -CC/CCC

Channel Number	Type	Work Mode	Starting Wavelength	Optical Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
4= 4-Channel	M= Mux	B= B Type	1471= 1471nm	1= 1W	2=PM1310/1550Fiber	B= Bare fiber	05=0.5m	N=Without Connector
6= 6-Channel	D= DeMux	F= F Type	1550= 1550nm	2=2W	O=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
8= 8-Channel			1310= 1310nm	5=5W	T=12/130 PMDC Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
H= 16-Channel			1271= 1271nm	10=10W	G=25/300 PMDC Fiber	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector