

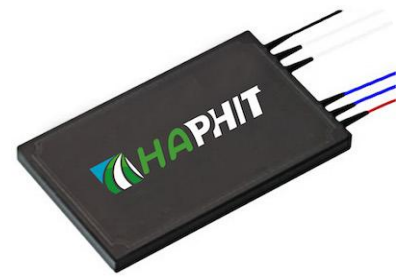
## DWDM Single Channel OADM Module

### 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 Networks
- ▣ DWDM Systems



### SPECIFICATIONS

Parameters	Unit	100G OADM	200G OADM
Center Wavelength	nm	1528-1640, ITU Grid	
Channel Spacing	Hz	100G	200G
Channel Passband Width	nm	+/-0.11	+/-0.25
Add/Drop Channel Insertion Loss	dB	≤1.5	≤1.2
Express Channel Insertion Loss	dB	≤1.0	≤1.0
Add/Drop Path Adjacent Channel Isolation	dB	≥25	≥25
Add/Drop Path Non-adjacent Channel Isolation	dB	≥40	≥40
Express Channel Isolation	dB	≥20	≥20
Optical Return Loss	dB	≥45	≥45
Directivity	dB	≥50	≥50
Polarization Dependent Loss	dB	≤0.15	≤0.10
Polarization Mode Dispersion	ps	≤0.10	≤0.10
Fiber Type	-	SMF-28 Fiber or 10/130um DC Fiber (O) 12/130um DC Fiber (T) or 20/130um DC Fiber (Q) 25/250um DC Fiber (R) or 25/300um DC 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	L80x <sup>W</sup> 60x <sup>H</sup> 12	

**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.

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)

#### FDWO- N

##### Channel Spacing

1- 100GHz

2- 200GHz

#### CNN

##### ITU Channel No.

C34- C34 Channel

H40- H40 Channel

L00- L00 Channel

C40- C40 Channel

#### - (C)

##### Fiber Type

O=10/130 DC Fiber

T=12/130 DC Fiber

G=25/300 DC Fiber

Blank for SMF-28 Fiber

#### C

##### Fiber Sleeve

B= Bare fiber

L= Loose Tube

2= 2mm Cable

3= 3mm Cable

#### NN

##### Fiber Length

05=0.5m

10=1.0m

15=1.5m

20=2.0m

#### -CC/CCC

##### Connector Type

N=Without Connector

FC/APC=FC/APC Connector

LC/PC=LC/PC Connector

SC/UPC=SC/UPC Connector

