1310/1490/1550nm PM WDM Module for Pulse Power

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
- CATV Networks

SPECIFICATIONS

Parameter		Unit	Value
Working Wavelength	Port1: λ1	nm	1310±30
	Port2: λ2	nm	1490±10
	Port3: λ3	nm	1530~1570
Insertion Loss	Port1@λ1	dB	≤ 1.5
	Port2@λ2	dB	≤ 1.5
	Port3@λ3	dB	≤ 1.5
Isolation	Port1@λ2&λ3	dB	≥ 25
	Port2@λ1&λ3	dB	≥ 25
	Port3@λ1&λ2	dB	≥ 25
Extinction Ratio		dB	≥ 18
Directivity		dB	≥ 50
Return Loss		dB	≥ 45
Fiber Type		-	PM1310 Panda Fiber, 10/125um PMDC Fiber (O), 12/130um PMDC Fiber (T), 20/130um PMDC Fiber (Q) 25/250um PMDC Fiber (R), 25/300um PMDC Fiber (G)
Fiber Tensile Load		N	5
Max. Average Optical Power		W	0.3, 0.5, 1, 2, 3, 5, 10, 15, 20
Max. Peak Power for pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20
Operating Temperature		°C	0~70
Storage Temperature		°C	-40~+85
Package Dimension		mm	(L)100x(W)80x(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.

ORDERING INFORMATION (PN)

FPWM- 134915 -H NN P NN - C C NN - CC/CCC

Average Power	Peak Power	Fiber Type	Fiber Sleeve	Fiber Length	Connector Type
03=300mW	01=100W	2=PM1310 Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
1= 1W	1= 1kW	O=10/125 PMDC Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
10=10W	10=10kW	T=12/130 PMDC Fiber	2=2mm Cable	15=1.5m	LC/PC =LC/PC Connector
20=20W	20=20kW	R=25/250 PMDC Fiber	3=3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector