850/1310/1550nm Multimode 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

Parameters		Unit	Value
Wavelength Range	Port 1: λ1	nm	850 +/- 10
	Port 2: λ2	nm	1310 +/- 20
	Port 3: λ3	nm	1550 +/- 20
Insertion Loss	Port1@λ1	dB	≤1.5
	Port2@λ2	dB	≤1.5
	Port3@λ3	dB	≤1.5
Isolation	Port1@λ2&λ3	dB	≥30
	Port2@λ1&λ3	dB	≥30
	Port3@λ1&λ2	dB	≥30
Optical Return Loss		dB	≥30
Directivity		dB	≥35
Fiber Type		-	50/125um or 62.5/125um MM Fiber 50/125um MM OM3 Fiber 105/125um MM Fiber
Maximum Average Power		W	1, 2, 3, 5, 10, 15, 20, 25, 30
Max. Peak Power for Pulse		kW	0.1, 1, 2, 3, 5, 10, 15, 20
Operating Temperature		°C	0~50
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 10dB lower.

3. Devices for higher optical power or with other type fiber or consigned fiber are also available.

4. Specifications are tested at low order modes.

5. Devices with other wavelength range are also available per request.

ORDERING INFORMATION (PN)

FMFM- 851315 -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	5= 50/125um MM Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
5= 5W	1= 1kW	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
10=10W	10=10kW	3= OM3 MM Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
30=30W	20=20kW	A= 105/125um, NA=0.22	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector
		B=105/125um, NA=0.15			