

850/1310/1550nm Multimode High Power WDM 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
- CATV Networks

SPECIFICATIONS

Parameters	Unit	Value
Wavelength Range	Port 1: λ_1	850 +/- 10
	Port 2: λ_2	1310 +/- 20
	Port 3: λ_3	1550 +/- 20
Insertion Loss	Port1@ λ_1	≤ 1.5
	Port2@ λ_2	≤ 1.5
	Port3@ λ_3	≤ 1.5
Isolation	Port1@ λ_2 & λ_3	≥ 30
	Port2@ λ_1 & λ_3	≥ 30
	Port3@ λ_1 & λ_2	≥ 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 Optical Power (CW)	W	1, 2, 3, 5, 10, 15, 20, 25, 30
Operating Temperature	$^{\circ}\text{C}$	0~50
Storage Temperature	$^{\circ}\text{C}$	-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	-HP	NN	-	C	C	NN	-	CC/CCC
		<i>Optical Power</i>			<i>Fiber Type</i>	<i>Fiber Sleeve</i>	<i>Fiber Length</i>		<i>Connector Type</i>
		1-1W			5- 50/125um MM Fiber	B- Bare Fiber	05-0.5m		N=Without Connector
		5-5W			6- 62.5/125um MM Fiber	L- Loose Tube	10-1.0m		FC/APC=FC/APC Connector
		10-10W			3- OM3 MM Fiber	2- 2mm Cable	15-1.5m		LC/PC=LC/PC Connector
		30-30W			A- 105/125um, NA=0.22	3- 3mm Cable	20-2.0m		SC/UPC=SC/UPC Connector
					B-105/125um, NA=0.15				