

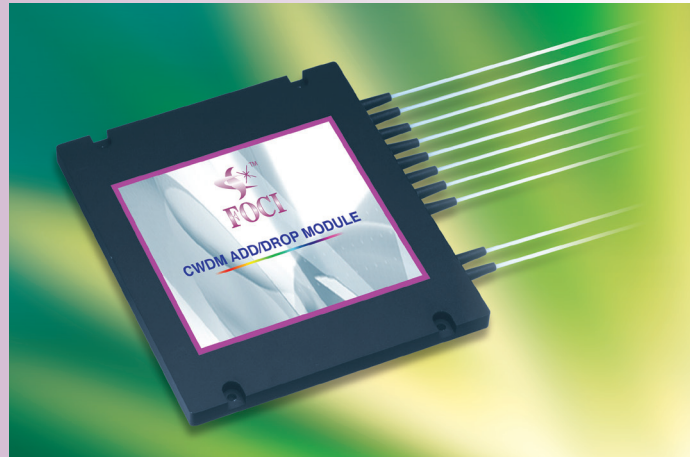
# M-MC CWDM ADD/DROP MODULE

## Features:

- Environmentally stable
- Easy installation
- Custom-defined specifications
- Low return loss
- Low loss, low cross-talk
- ITU standard

## Applications:

- Telecommunications
- Local area network
- CWDM & FTTH



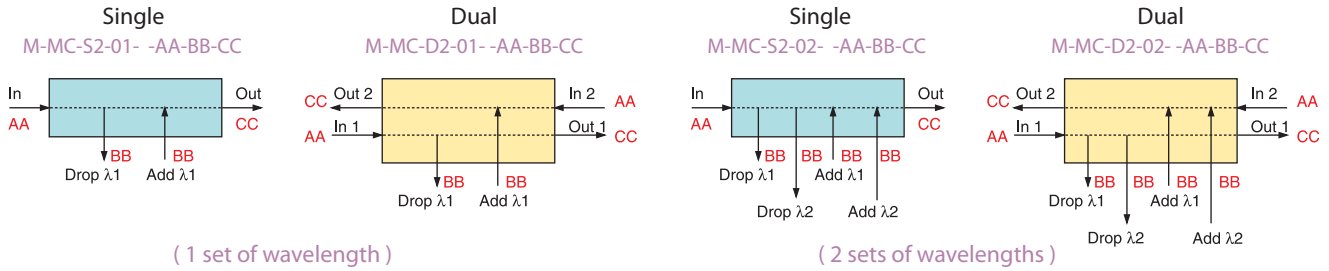
## Performance Specifications:

ITEM	1/2/4/8 Channel CWDM Add/Drop Module			
Channel No.	1/2/4/8 or Customer Specify			
Starting Wavelength, nm	ITU Channel 1270~1610 (or 1271~1611)			
Channel Spacing, nm	20			
Passband @0.5dB, nm	ITU $\pm$ 6.5nm			
Typical Insertion Loss, dB	1 set of $\lambda$	2 set of $\lambda$	4 set of $\lambda$	8 set of $\lambda$
Input/Drop Channel	$\leq 0.8$	$\leq 1.2$	$\leq 2.0$	$\leq 3.6$
Add/Output Channel	$\leq 0.8$	$\leq 1.2$	$\leq 2.0$	$\leq 3.6$
Input/Output Channel	$\leq 0.8$	$\leq 1.9$	$\leq 2.8$	$\leq 5.2$
Adjacent Channel Isolation, dB	$\geq 30$			
Non-adjacent Channel Isolation, dB	$\geq 40$			
Uniformity, dB	$\leq 1.5$			
Directivity, dB	$\geq 50$			
Optical Input Return Loss, dB	$\geq 45$			
Polarization Dependent Loss, dB	$\leq 0.1$			
Polarization Mode Dispersion (PMD), ps	$\leq 0.1$			
Thermal Stability, dB / $^{\circ}\text{C}$	$\leq 0.005$			
Thermal Stability Drift, pm / $^{\circ}\text{C}$	$\leq 5$			
Max. Optical Power, mW	300			
Max. Tensile Load, N	5			
Storage Temperature, $^{\circ}\text{C}$	-40 ~ 85			
Operating Temperature, $^{\circ}\text{C}$	0 ~ 70			
Package Size, mm <sup>3</sup>	M4 (1/2/4 channel standard), M5 (8 channel-single directional standard), A2, A3			

\* Without Connector Loss

# CWDM ADD/DROP MODULE

## Structure:



## Ordering Information:

M - MC -  -  -  -  -  -  /  /  -  - 1

### Channel Spacing

- S2 20nm, single directional
- D2 20nm, dual directional
- XX Others, Customer Specify

### Sets of Wavelengths

- 01 1 set of Wavelength
- 02 2 sets of Wavelengths
- 04 4 sets of Wavelengths
- XX Others

### Starting Wavelength

31	1311 nm	33	1331 nm
35	1351 nm	37	1371 nm
39	1391 nm	41	1411 nm
43	1431 nm	45	1451 nm
47	1471 nm	49	1491 nm
51	1511 nm	53	1531 nm
55	1551 nm	57	1571 nm
59	1591 nm	61	1611 nm

### Cable type (for both ends)

C	Singlemode fiber	J	G. 657. A1 fiber
L	Loose tube cable (900μm)	K	Loose tube cable (900μm) with G. 657. A1 fiber
X	Others, please specify		

### Pigtail Length

10	1 meter	05	0.5meter
20	2 meter	15	1.5meter
00	Modulized	XX	Others, please specify

### Connector Type (Input / Add & Drop / Output ports)

FC	FC type	AP	FC/APC type
SC	SC type	AS	SC/APC type
ST	ST type	MU	MU type
LC	LC type	NC	None
XX	Others, please specify		

### Package Type

M4	M4	M5	M5	A2	A2	XX	Others
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