750~850nm Multimode Filter Splitter Module

Features

- Low Excess Loss
- Various Splitting Ratio
- Wide Passband
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- Optical Amplifier
- Optical Networks
- Power Monitoring
- Fiber Sensor
- Lab

Specifications

Parameter		Unit	1x4 or 2x4 or 4x4	1x8 or 2x8 or 4x8
Center Wavelength		nm	750, 780, 793, 808, 830, 850	
Bandwidth		nm	+/-15nm or customer specify	
Insertion Loss	Typ.	dB	7.8	11.2
	Max.	dB	8.8	12.5
Uniformity		dB	≤1.5	≤2.0
Optical Return Loss		dB	≥35	
Directivity		dB	≥40	
Fiber Type		-	50/125um or 62.5/125um MM Fiber 50/125um MM OM3 Fiber 105/125um MM Fiber	
Fiber Tensile Load		N	5	
Max. Optical Power (CW)		mW	300	
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. Specifications are tested at low order modes.

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

Ordering Information (PN)

FMTM- NNN - NxN - C C NN - CC/CCC

Wavelength	*Configuration*	*Fiber Type*	*Fiber Sleeve*	*Fiber Length*	*Connector Type*
780=780nm	1X4=1X4 Type	5= 50/125um MM Fiber	B= Bare Fiber	05=0.5m	N=Without Connector
793=793nm	1X8=1X8 Type	6= 62.5/125um MM Fiber	L= Loose Tube	10=1.0m	FC/APC=FC/APC Connector
808=808nm	2X4=2X4 Type	3= OM3 MM Fiber	2= 2mm Cable	15=1.5m	LC/PC=LC/PC Connector
850=850nm	4X8=4X8 Type	A= 105/125um, NA=0.22	3= 3mm Cable	20=2.0m	SC/UPC=SC/UPC Connector
		B=105/125um, NA=0.15			