

## Wavelength Division Multiplexer Coupler (WDMC)-1560/1850nm

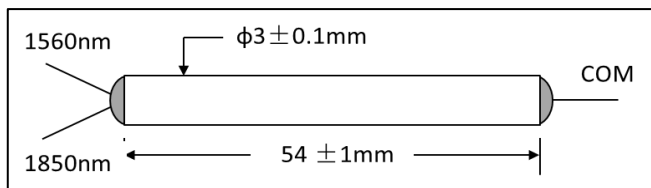
### Specifications

Parameters		Unit	1560/1850
Operation Wavelength Range		nm	±5
Isolation		dB	≥15
Insertion Loss at 1850nm		dB	≤0.8
Insertion Loss at 1560nm		dB	≤0.8
PDL (for Single Mode Fiber Port)		dB	≤0.15
PER (for PM Fiber Port)		dB	≥17
Fiber Type	1560 Port		PM1550, SMF-28
	1850 and COM Port <sup>1</sup>		Nufern PM1950, PM-GDF-10/130-2000-M
Axis Alignment			Both Axis Pass
Port Configuration			1x2
Power Handling <sup>2</sup>		W	1,5,10,20
Directivity		dB	≥55
Return Loss		dB	≥50
Dimensions		mm	3x54, 5x5x50
Operating Temperature		°C	-10 ~ +60

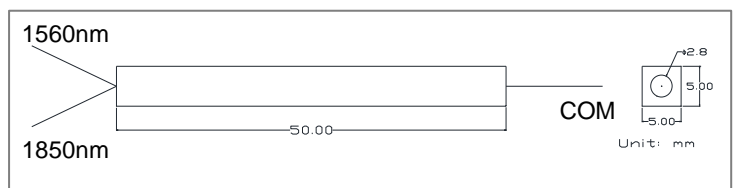
<sup>1</sup> Light in cladding layer to be stripped before input to the coupler.

<sup>2</sup> Power handling will be only 1W if built with connector.

### Package Dimensions



for 1~5W



for 6~20W

### Ordering Information

PMWDMC- ①①①-②-③③③③③③③③③④④④-⑤-⑥⑥-⑦-⑧⑧-⑨⑨⑨⑨⑨-⑩

①	Port	1x2;
②	Grade	P=Grade P;
③	Wavelength	1560/1850;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type @ 1560 port	1=SMF-28; 5=PM1550;
⑥	Fiber Type @ 1850 port	P9=PM1950; P10M=PM-GDF-10/130-2000-M;
⑦	Length	1= 1m; X=Other;
⑧	Connector	NE=None; FA=FC/APC; XX=Others;
⑨	Package	3x54; 5x5x50;
⑩	Power Handling	1=1W; 5=5W; 10=10W; 20=20W;