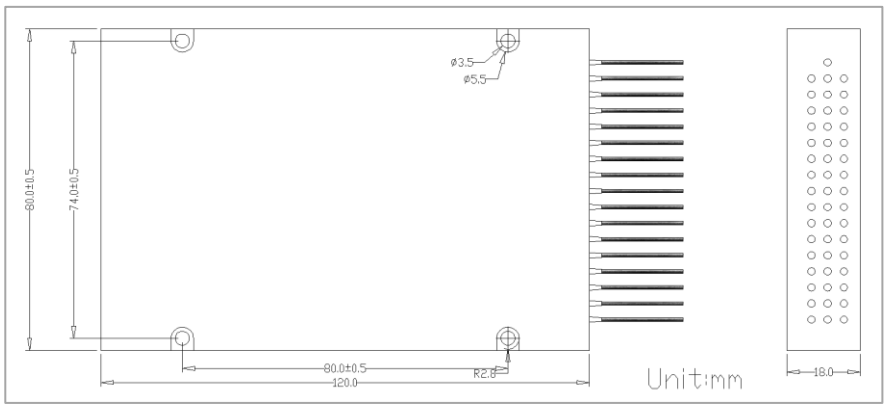
1x48 PM Fused Coupler

Specifications

Parameters	Unit	Values	
Port		1x48	
Operating Wavelength	nm	1310, 1550	980, 1064
Operating Bandwidth	nm	±10	±10
Splitting Ratio	%	2.1±0.3	
Excess Loss	dB	≤2.8	≤2.9
Uniformity	dB	≤3.9	≤3.9
Insertion Loss (for B type)	dB	≤19.5	≤19.8
Insertion Loss (for F type)	dB	≤20.5	≤20.8
Polarization Extinction Ratio (for B type)	dB	≥15	≥14.5
Polarization Extinction Ratio (for F type)	dB	≥18	≥18
Axis Alignment		Both Axis Working (Type B) or Fast Axis Blocked (Type F)	
Fiber Type		PM1300, PM1550, PM980, Panda Fiber	
Pigtail Type		250μm Bare Fiber; 900μm Loose Tube; 2mm/3mm Loose Cable	
Fiber Length	m	1	
Connector Type		None	
Dimensions(mm)	mm	18x80x120	
Power Handling (CW)	W	≤5	
Operating Temperature	℃	0 ~ +70	
Storage Temperature	℃	-40 ~ +85	

Package Dimension



Ordering Information

CP- ①①-②-③③③③-④④④-⑤⑤⑤⑤-⑥-⑦⑦⑦-⑧-⑨-⑩⑩-⑪⑪⑪⑪⑪⑪⑪⑪

①	Type	PS=PM Fused Coupler;
②	Grade	P=Grade P;
③	Port Type	1x48;
④	Wavelength	1310; 980; 1064; 1550;
⑤	Coupling Ratio	EVEN;
⑥	Axis Alignment	B=Both Axis Working; F=Fast Axis Blocked;
⑦	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 3000=3mm Loose Cable;
⑧	Fiber Type	5=PM Fiber;
⑨	Length	1=1m;
⑩	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑪	Package	18x80x120;