

Nx4, Nx8 PM Fused Coupler

Features

- Low Excess Loss
- High Power Handling
- Available for Slow Only or Fast Axis App
- Telcordia GR-1221 Compliant

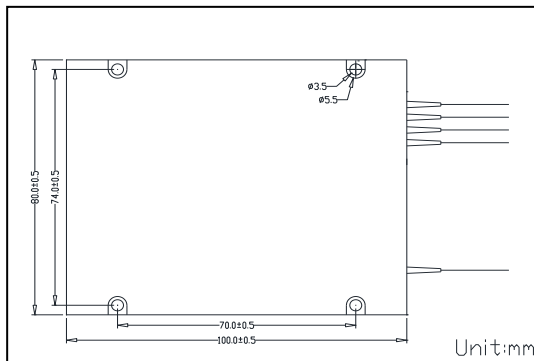
Applications

- Optical Amplifier
- Power Monitoring
- Coherent Communication

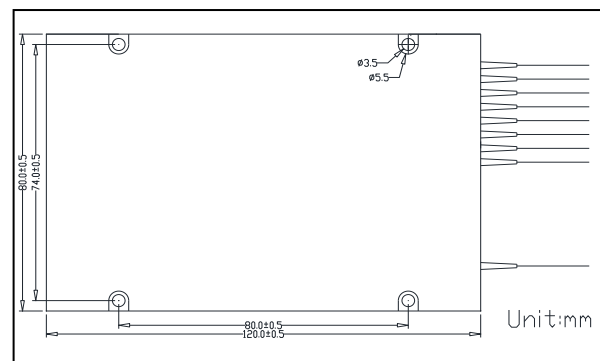
Specifications

Parameters	Unit	Values					
Port		NX4 (N=1, 2)			NX8 (N=1, 2)		
Operating Wavelength	nm	1310, 1550	980, 1064	780, 850	1310, 1550	980, 1064	780, 850
Operating Bandwidth	nm	±20	±15	±5	±20	±15	±5
Splitting Ratio	%	25			12.5		
Splitting Ratio Tolerance	%	±3			±4		
Excess Loss	dB	≤0.8	≤1.0	≤1.2	≤1.0	≤1.2	≤1.4
Insertion Loss	dB	≤7.4	≤7.5	≤7.8	≤10.8	≤11.0	≤11.5
Polarization Extinction Ratio (for B type)	dB	≥18	≥16	≥16	≥16	≥14	≥14
Polarization Extinction Ratio (for F type)	dB	≥22	≥22	≥17	≥22	≥22	≥17
Axis Alignment		Both Axis Working (Type B) or Fast Axis Blocked (Type F)					
Fiber Type		PM Panda Fiber					
Pigtail Type		250µm Bare Fiber; 900µm Loose Tube; 2mm/3mm Loose Cable					
Dimensions(mm)		10x80x100 (for Nx4), 18x80x120 (for Nx8)					
Power Handling (CW)	W	≤2					
Operating Temperature	°C	-40 ~ +85					
Storage Temperature	°C	-40 ~ +85					

Package Dimension



Nx4



Nx8

Ordering Information

CP- ①①-②-③③-④④④-⑤⑤⑤⑤-⑥-⑦⑦⑦-⑧-⑨⑨⑨-⑩⑩-⑪⑪⑪⑪⑪⑪⑪⑪⑪⑪

①	Type	PS=PM Fused Coupler;
②	Grade	P=Grade P;
③	Port Type	1x4; 2x4; 1x8; 2x8;
④	Wavelength	780; 850; 980; 1030; 1040; 1064; 1310; 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	0.8=0.8m;
⑩	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Other;
⑪	Package	10x80x100; 18x80x120;