

2x2 Polarization Beam Splitter/Combiner(PBS/PBC) 980, 1064, 1310, 1550nm

Features

- Low Insertion Loss
- High Extinction Ratio
- High Stability and Reliability

Applications

- Fiber Sensor
- Coherent Telecommunication Systems
- Polarization Mode Dispersion Compensator

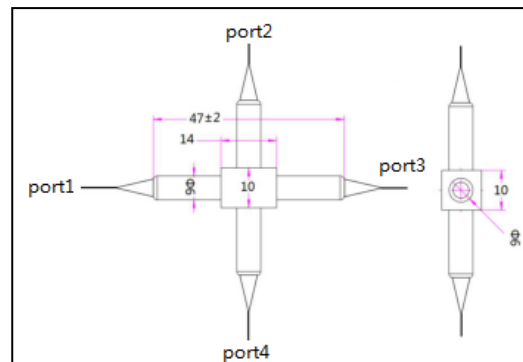
Specifications

Parameters	Unit	Values	
Operating Wavelength	nm	1310, 1550	1064, 980
Operating Bandwidth	nm	±30	±20
Typ. Insertion Loss	dB	1.0	1.0
Insertion Loss	dB	≤1.2	≤1.3
Extinction Ratio (only for PBS)	dB	≥15	≥15
Directivity	dB	≥45	
Return Loss	dB	≥50	
Power Handling	mW	≤100	
Fiber Type	Port 1&2	PM 1310 or PM 1550	PM 980
	Port 3&4	SMF-28, PM 1310 or PM 1550	HI 1060 or PM 980
Fiber Length	m	1	
Package Dimensions	mm	14x10x10	
Operating Temperature	°C	0~+70	
Storage Temperature	°C	-40 ~ +80	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

*The default connector key is aligned to slow axis.

Package Dimensions



Ordering Information

PBS- ①①①-②-③③③-④④④-⑤-⑥-⑦⑦
PBC- ①①①-②-③③③-④④④-⑤-⑥-⑦⑦

①	Port	2x2;
②	Grade	P=P Grade;
③	Wavelength	980; 1064; 1310; 1550;
④	Pigtail Type	250=250um Fiber; 900=900um Loose Tube;
⑤	Fiber Type @ Port 3&4	1=SMF-28; 2=HI1060; 3=PM Fiber, Slow Axis Align to Port 1; 4=PM Fiber, Slow Axis Align 45°to Port 1;
⑥	Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;