

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

Features

Low Insertion Loss
High Extinction Ratio
High Stability and Reliability

Applications

EDFA & Raman Amplifier
Fiber Sensor
Coherent Telecommunication Systems
Polarization Mode Dispersion Compensator

Specifications

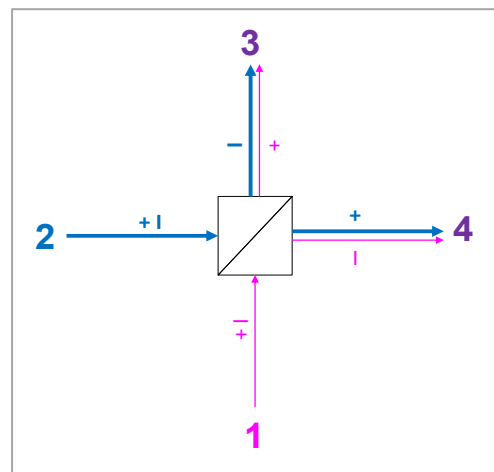
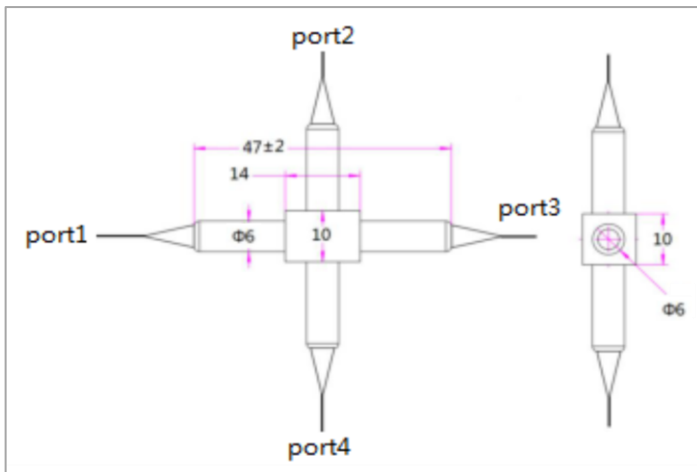


Parameters	Unit	Values	
Operating Wavelength	nm	1310, 1550	1064, 980
Operating Bandwidth	nm	±40	±20
Typ. Insertion Loss	dB	0.8	0.9
Insertion Loss	dB	≤1.2	≤1.3
Extinction Ratio (only for PBS)	dB	≥18	
Directivity	dB	≥45	
Return Loss	dB	≥50	
Power Handling	mW	≤300	
Fiber Type	Port 1&2	-	PM 1310 or PM 1550
	Port 3&4	-	SMF-28e, PM 1310 or PM 1550
Fiber Length	m	1	
Package Dimensions	mm	14x10x10	
Operating Temperature	°C	-5~+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-

①	Port	2x2;
②	Grade	P=P Grade;
③	Wavelength	980; 1064; 1310; 1550;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type @ Port 3&4	1=SMF-28; 2=HI1060; 3=PMF, Slow Axis Align to Port 1; 4=PMF, 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;