

High Power Polarization Beam Combiner/Splitter (HPBC/HPBS)

Spec. Number	SR0018 REV01	N/A
Date	2022-4-24	2022-4-24
Part Number	HPBC10300013212	NA

Specifications

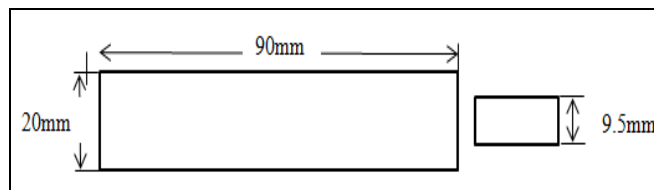
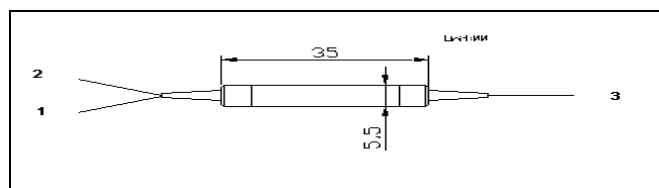
Parameter		Value	
Wavelength (nm)		1310, 1450, 1480, 1550	1030,1064
Operating Bandwidth (nm)		±40	±20
Typ. Insertion Loss (dB)		0.40	0.60
Insertion Loss (dB)		≤0.60	≤0.80
Extinction Ratio (dB) (Only for PBS)		≥22	≥22
Directivity (dB)		≥50	
Return Loss (dB)		≥50	
Power Handling (W)		1,2,3	
Fiber Type	Port 1 & 2	PM 1310&PM1550 Panda Fiber	PM980 Panda Fiber
	Port 3	SMF-28e or PM1310&PM1550	HI 1060 or PM 980
Operating Temperature (°C)		-5 ~ +70	
Storage Temperature (°C)		-40 ~ +80	
Dimensions (mm)		φ5.5 × L35(P1) (only for bare fiber or 900um loose tube)	
		L90*W20*H9.5 (ABS) (P2) (only for 3mm or 2mm cable)	

*Above specifications are for device without connector.

*For devices with connector,IL will be 0.3dB higher,ER will be 2dB lower and RL will be 5dB lower.

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions:



Ordering Information:

HPBS HPBC	Wavelength	00	Power	Fiber Type for Port 3	Pigtail Type	Length	Connector	Customer
	1030=1030nm	00	1=1W	1=SMF-28e	1=250um	H=0.5m	0=None	Customer
	1064=1064nm		2=2W	2=HI 1060	bare fiber	8=0.8m	1=FC/UPC	
	1310=1310nm		3=3W	3=PM Fiber,	2=900um	1=1.0m	2=FC/APC	
	1450=1450nm			Slow Axis Align	loose tube	5=1.5m	3=LC/UPC	
	1480=1480nm			to Port 1	3=3mm	2=2.0m	4=LC/APC	
	1550=1550nm			4=PM Fiber,	loose tube	3=3.0m	5=SC/APC	
				Slow Axis Align	4=2mm	4=4.0m	6=SC/UPC	
				45 °to Port 1	loose tube	A=2.5m		