

High Power Polarization Beam Combiner/Splitter

Features:
Low Insertion Loss High Extinction Ratio High Stability and Reliability&Power
Application:
EDFA & Raman Amplifier Fiber Sensor Coherent Telecommunication Systems Polarization Mode Dispersion Compensator

Specifications:

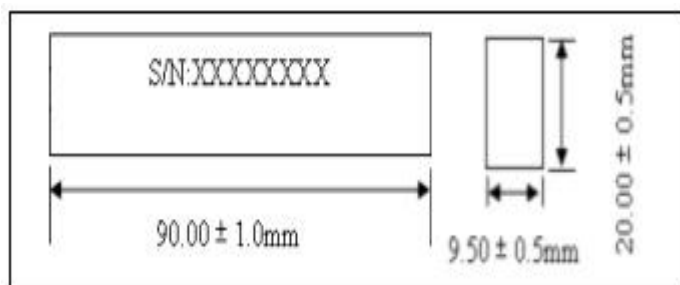
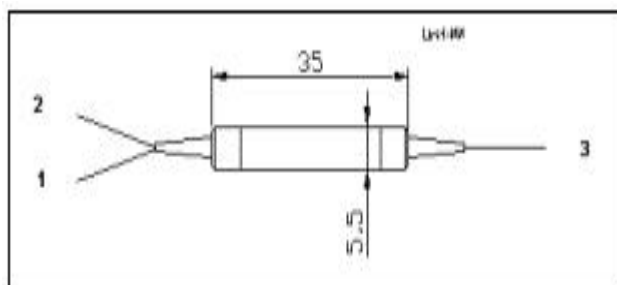
Parameter	Value		
Wavelength (nm)	1310, 1450,1480, 1550,1580	1030,1064	850, 980
Operating Bandwidth (nm)	±40	±20	±20
Typ. Insertion Loss (dB)	0.40	0.60	0.80
Insertion Loss (dB)	≤0.60	≤0.80	≤1.0
Extinction Ratio (dB) (Only for PBS)	≥22		≥20
Directivity (dB)	≥50		
Return Loss (dB)	≥50		
Power Handling (W)	1,2,3,5		
Fiber Type	Port 1 & 2	PM 1310&PM1550	PM980
	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 (only for bare fiber or 900um loose tube)		
	L90*W20*H9.5 (ABS) (only for 3mm or 2mm cable)		

*Above specifications are for devices without the connectors.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower, and ER will be 2dB lower.and max handling power is 1W.

*The PM fiber and the connector key are aligned to the slow axis. And for F type, fast axis is blocked.

Package Dimensions:



Ordering Information:

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HPBC HPBS	Wavelength	0	Power	Fiber Type for Port 3	Package	Pigtail Type	Length	Connector
HPBC	0850=850nm	0	1=1W	1=SMF-28e	0=φ5.5×L35	1=250um	H=0.5m	0=None
HPBS	0980=980nm		2=2W	2=HI 1060	mm	bare fiber	8=0.8m	1=FC/UPC
	1030=1030nm		3=3W	3=PM Fiber, Slow	1=90*20*9.5	2=900um	1=1.0m	2=FC/APC
	1064=1064nm		4=4W	Axis Align to Port 1	mm	loose tube	5=1.5m	3=SC/APC
	1310=1310nm		5=5W	4=PM Fiber, Slow	2=Glass tube	3=3mm	2=2.0m	4=SC/UPC
	1450=1450nm		S=Specify	Axis Align 45° to	S=Specify	loose tube	3=3.0m	5=MU
	1480=1480nm			Port 1		4=2mm	4=4.0m	6=LC/UPC
	1550=1550nm					loose tube	A=2.5m	7=LC/APC
						S=Specify	B=5.0m	S=Specify
							S=Specify	