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:

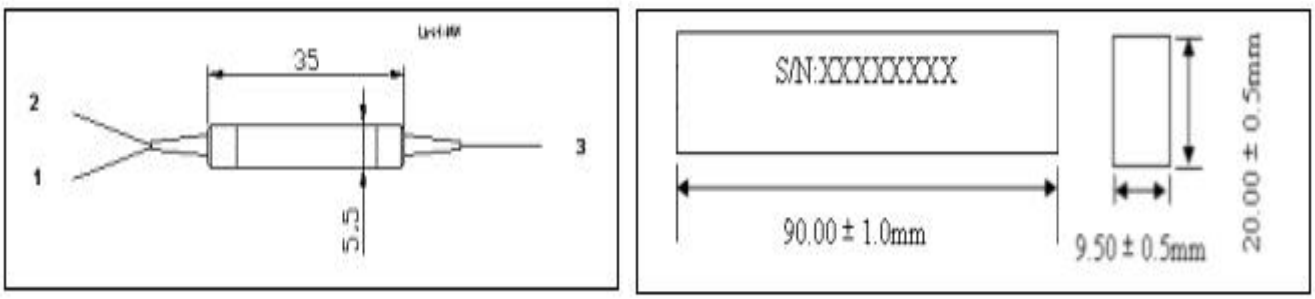
Parameter		Value		
Wavelength (nm)		1310, 1450,1480, 1550,1580	1030,1064	850，980
Operating Bandwidth (nm)		±40	±20	±20
Typ. Insertion Loss (dB)		0.40	0.60	0.80
Insertion Loss (dB)		≤0.60	≤0.80	≤1.0
Extinction Ratio (dB) (Only for PBS)		≥22		≥20
Directivity (dB)		≥50		
Return Loss (dB)		≥50		
Power Handling (W)		1,2,3,5		
Fiber Type	Port 1 & 2	PM 1310&PM1550	PM980	PM 850
	Port 3	SMF-28e or PM1310&PM1550	HI 1060 or PM 980	HI 780 or PM 850
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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CAT0427 REV01

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