

980nm Polarization Beam Combiner/Splitter

Spec. Number	SR0050 REV01	N/A
Date	2021-11-25	2021-11-25
Part Number	PBC098000021110-xxxx	NA

Specifications

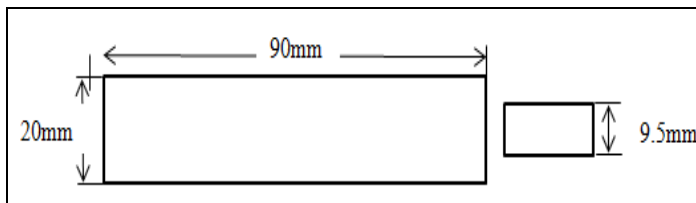
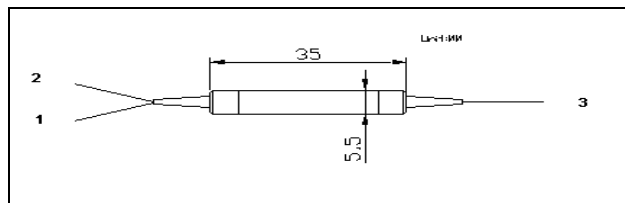
Parameter		Value
Wavelength (nm)		980
Operating Bandwidth (nm)		± 20
Typ. Insertion Loss (dB)		0.80
Insertion Loss (dB)		≤ 1.0
Extinction Ratio (dB) (Only for PBS)		≥ 20
Directivity (dB)		≥ 50
Return Loss (dB)		≥ 50
Power Handling (mW)		≤ 300
Fiber Type	Port 1 & 2	PM980
	Port 3	HI 1060 or PM 980
Operating Temperature (°C)		-5 ~ +70
Storage Temperature (°C)		-40 ~ +80
Dimensions (mm)		$\phi 5.5 \times L35(P1)$ (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

PBS PBC	Wavelength	000	Fiber Type for Port 3	Package Dimensions	Pigtail Type	Length	Connector	Customer
	0980=980nm	000	2=HI 1060 3=PM Fiber, Slow Axis Align to Port 1 4=PM Fiber, Slow Axis Align 45 °to Port 1	1=P1($\phi 5.5 \times$ L35) 2=P2(L90* W20*H9.5)	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H=0.5m 8=0.8m 1=1.0m 5=1.5m 2=2.0m 3=3.0m A=2.5m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/APC 6=SC/UPC	Customer