

Polarization Beam Combiner/Splitter (1310, 1480, 1550nm)

Specifications

Contact Hengyan Photonics with your custom specification needs.

Parameter		Unit	Value
Wavelength		nm	1310±40, or 1480±40, or 1550±40
Insertion Loss	Typ.	dB	0.4
	Max	dB	0.6
Extinction Ratio (for splitter only)	Min	dB	22
Return Loss	Min	dB	50
Directivity	Min	dB	50
Optical Power Handling	Max	mW	300
Fiber	Dual Fiber End	-	SM or PM
	Single Fiber End	-	SM or PM
Package Dimension		mm	Φ5.5 x L38
Operating Temperature		°C	-5 to 70
Storage Temperature		°C	-40 to 85

* The above specifications are for parts without connectors. Adding connectors can affect the IL, RL, & ER.

* Connector key is aligned to slow axis.

Ordering Information

Contact Hengyan Photonics with your custom configuration needs.

PBC	Wavelength	Fiber Type at Dual-Fiber End	Fiber Type at Single-Fiber End	Fiber Length	Connector
PBC or (PBS)	13=1310nm	B=SMF-28, 250um	B=SMF-28, 250um	10=1.0m	NE=None
	14=1480nm	L=SMF-28, 900um	L=SMF-28, 900um	15=1.5m	FA=FC/APC
	15=1550nm	PMB=PM Panda, 250um	PMB=PM Panda, 250um	20=2.0m	FC=FC/PC
		PML=PM Panda, 900um	PML=PM Panda, 900um	30=3.0m	SA=SC/APC
		X=Others	X=Others	X=Others	SC=SC/PC
					ST=ST/PC
					LA=LC/APC
					LC=LC/PC
					X=Others

Package Dimensions

