

POLARIZATION BEAM COMBINER/SPLITTER (980, 1064, 1310, 1480, 1550nm)

Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Value		
Wavelength		nm	1310±40, or 1480±40, or 1550±40	1064±20	980±10
Insertion Loss	Typ.	dB	0.4	0.6	0.8
	Max	dB	0.6	0.8	1.0
Extinction Ratio (for splitter only)		Min	dB	22	20
Return Loss		Min	dB	50	
Directivity		Min	dB	50	
Optical Power Handling		Max	mW	500	
Fiber	Dual Fiber End	-	SM or PM	PM 980 Panda	
	Single Fiber End	-	SM or PM	HI 1060 or PM 980 Panda	
Package Dimension		mm	Φ5.5 x L35		
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.

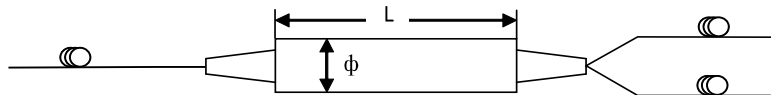
* Connector key is aligned to slow axis.

Ordering Information

Contact Ascentta 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)	98=980nm 13=1310nm 14=1480nm 15=1550nm	B=SMF-28, 250um L=SMF-28, 900um PMB=PM Panda, 250um PMO=PM Panda, 400um PML=PM Panda, 900um X=Others	B=SMF-28, 250um L=SMF-28, 900um H1B=HI 1060,250um H1L=HI 1060,900um PMB=PM Panda, 250um PMO=PM Panda, 400um PML=PM Panda, 900um X=Others	10=1.0m 15=1.5m 20=2.0m 30=3.0m X=Others	NE=None FA=FC/APC FC=FC/PC SA=SC/APC SC=SC/PC ST=ST/PC LA=LC/APC LC=LC/PC X=Others

Package Dimensions



Contact Ascentta for all your custom design needs.