

## ISOLATOR POLARIZATION BEAM COMBINER/SPLITTER (IPBC or IPBS) (1310, 1480, 1550nm)

### Specifications

Contact Ascentta with your custom specification needs.

Parameter		Unit	Single Stage	Dual Stage
Wavelength		nm	1310±20, or 1480±20, or 1550±20	
Insertion Loss	Typ.	dB	0.45	0.55
	Max	dB	0.7	0.8
Isolation	Min	dB	20	42
Extinction Ratio (for splitter only)	Min	dB	20	20
Return Loss	Min	dB	50	
Directivity	Min	dB	50	
Optical Power Handling	Max	mW	500	
Fiber	Dual Fiber End	-	PM	
	Single Fiber End	-	SM or PM	
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.

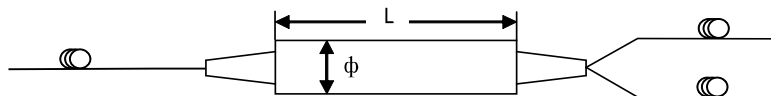
\* Connector key is aligned to slow axis.

### Ordering Information

Contact Ascentta with your custom configuration needs.

Device	Stage	Wavelength	Fiber Type at Dual-Fiber End	Fiber Type at Single-Fiber End	Fiber Length	Connector
IPBC = Combiner	S=Single Stage	13=1310nm 14=1480nm 15=1550nm	PMB=PM panda, 250um PMO=PM panda, 400um PML=PM panda, 900um	B=SMF-28, 250um L=SMF-28, 900um	10=1.0m 15=1.5m 20=2.0m 30=3.0m	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
	D=Dual Stage	X=Others	X=Others	PMB=PM panda, 250um PMO=PM panda, 400um PML=PM panda, 900um  X= Others	X=Others	
IPBS = Splitter						

### Package Dimensions



Contact Ascentta for all your custom design needs.