

PBS/PBC

Polarization Beam Combiner/Splitter

Specifications

Parameter	Specification
Center Wavelength (λ_c)	1310, 1480 or 1550 nm
Band Width	± 40 nm
Insertion Loss	≤ 0.6 dB (0.4dB typ.)
Extinction Ratio	≥ 20 dB (25dB typ.)
Directivity	≥ 50 dB
Return Loss	≥ 45 dB
Fiber Type of Port 1 & 2	PM Panda Fiber
Fiber Type of Port 3	SMF 28e or PM Panda Fiber
Maximum Power	300 mW
Fiber Tensile Load	5 N
Operating Temperature	0° C ~ +70° C
Storage Temperature	-40° C ~ +85° C
Package Dimensions	5.5 mm (Φ) x 35 mm (L)

Note1: All values specified are without connectors.

Note2: Higher performance specifications upon request.

Order Information

P	B	S	-	-	-	A	-	-	-	-	-	-
Center Wavelength		Fiber Type for Port 3		Fiber Length		Pigtail Style		Connector				
1310: 1310 nm		S: SMF-28e fiber		A: 1 meter		B: bare fiber		0: None				
1480: 1480nm		P: PM fiber				L: 900 μ m loose tube		1: FC/PC				
1550: 1550 nm								2: FC/APC				
								3: SC/PC				
								4: SC/APC				
								5: FC/SPC				
								6: SC/SPC				
								7: LC/UPC				
								8: LC/SPC				
								A: FC/UPC				
								B: SC/UPC				
								C: ST				