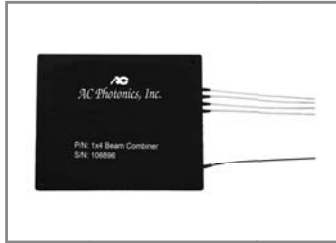


1x4 Polarization Beam Combiner



Key Features

- Low Insertion Loss
- High Extinction Ratio
- Compact In-Line Package
- High Stability and Reliability
- Epoxy Free Optical Path

Applications

- High Power EDFA
- Raman Amplifier
- Laboratory

Performance Specifications

Parameter	Specifications	
	P Grade	A Grade
Channel Wavelength	1310nm, 1480nm or 1550nm	
Operating Wavelength Range	± 40nm	
Insertion Loss (Typ.)	1.2dB	1.5dB
Insertion Loss (Max.)	1.5dB	1.8dB
Extinction Ratio (for splitter only) (Min.)	18dB	16dB
Return Loss	≥ 50dB	
Direction of Incident Polarization	Slow Axis	
Optical Power	≤ 500mW	
Tensile Load (Max.)	5N	
Operating Temperature	-5 to +70°C	
Storage Temperature	-40 to +85°C	
Fiber Type	Panda PM Fiber	
Package Dimensions	11.6mm x 80mm x 120mm	

Note:

1. The PM fiber and the connector key are aligned to the slow axis.
2. The ER is for fiber ≤ 0.75 meter. Increase fiber length can decrease the ER.
3. For devices with connectors, insertion loss will be 0.3dB higher, return loss will be 5dB lower, and extinction loss will be 2dB lower.

Ordering Information

PBC	□	□ □	□	□	□	□ □
	Configuration	Center Wavelength	Grade	Pigtail Style	Fiber Length	In/Out Connector
	4 = 1x4	13 = 1310nm 14 = 1480nm 15 = 1550nm	P = P Grade A = A Grade	1 = Bare Fiber 2 = 900um Jacket	1 = 0.75m 2 = 1.0m 3 = 1.5m S = Special	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC