

Polarization Beam Combiner/Splitter



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

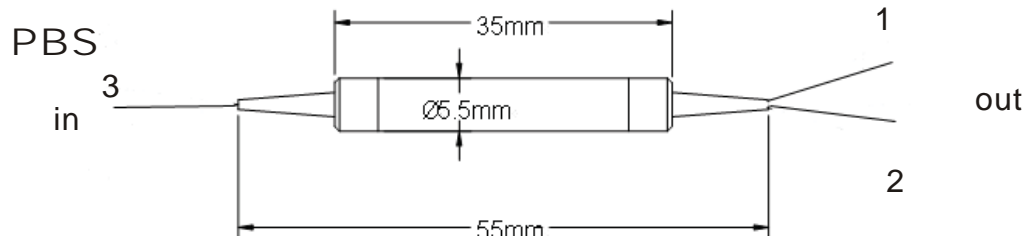
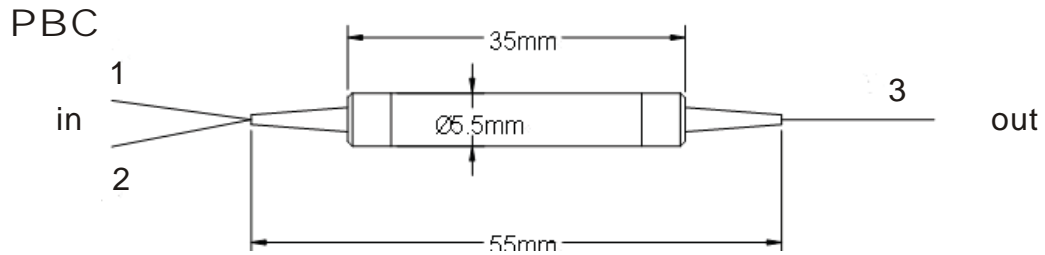
Performance Specifications

Parameter	Specifications	
	P Grade	A Grade
Channel Wavelength	1310nm, 1480nm or 1550nm	
Operating Wavelength Range	± 40nm	
Insertion Loss (Typ.)	0.4dB	0.5dB
Insertion Loss (Max.)	0.6dB	0.7dB
Extinction Ratio (for splitter only) (Min.)	20dB	18dB
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	PM on port 1 & 2, SMF on port3; PM on all 3 ports; or SMF on all 3 ports	
Package Dimensions	ø5.5xL35mm	

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.

Mechanical Dimensions



Ordering Information

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	Configuration	Center Wavelength	Grade	PM Fiber Option	Pigtail Style	Fiber Length	In/Out Connector
	S = Splitter C = Combiner	13 = 1310nm 14 = 1480nm 15 = 1550nm	P = P Grade A = A Grade	1 = Port1, Port2 Panda PM Port3 SMF-28 2 = All Panda PM Fiber 3 = All SMF-28	1 = Bare Fiber 2 = 900um Jacket	1 = 0.75m S = Special	0 = None 1 = FC/APC 2 = FC/PC 3 = SC/APC 4 = SC/PC 5 = ST 6 = LC/UPC 7 = LC/APC