

Polarization Beam Combiner / Splitter 1310nm~1550nm



Features

- Low insertion loss
- High extinction ratio
- Compact in-line package
- High stability and reliability
- Epoxy free on optical path

Applications

- High power EDFA
- Raman amplifier
- Laboratory

Performance Specifications

Parameter	Specification
Center Wavelength (nm)	1310 or 1480 or 1550
Operating Wavelength Range (nm)	±40
Typical Insertion Loss (@23°C) (dB)	≤0.4
Maximum Insertion Loss (@23°C) (dB)	≤0.6
Min. Extinction Ratio (for splitter only) (@23°C) (dB)	≥23
Min. Return Loss (dB)	≥50
Operating Temperature (°C)	-10 ~ +75
Storage Temperature (°C)	-40 ~ +85
Fiber Type	PM1310 or PM1550 or Specify
Max. Tensile Load (N)	5
Package Dimension (mm)	Ø5.5xL35
Power Handling (mW)	500 or Specify

Note:

1. For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower.
2. Specifications may change without notice.

Ordering Information

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Configuration	Wavelength	Axis Alignment	Fiber Type	Fiber Diameter	Fiber Length	Connector
S=Splitter C=Combiner	13=1310nm 14=1480nm 15=1550nm	1=Slow axis working, Fast axis blocked 2=Both axis Working S=Specify	1=Port1, Port2 PM fiber, Port3 SMF-28 2=All PM fiber	0=250µm 1=900µm 2=2.0mm 3=3.0mm S=Specify	0=0.75m 1=1m S=Specify	0=None 1=FC/APC 2=FC/UPC 3=SC/APC 4=SC/UPC 5=LC/APC 6=LC/UPC 7=ST S=Specify