

Features

High Power Handling
 Compact High Performance
 High Extinction Ratio
 Low Insertion Loss
 High Power Handling Capability

Applications

Polarization Mode Dispersion Compensator
 EDFA & Raman Amplifier
 Coherent Telecommunication Systems
 Fiber Optic Sensor
 High Directivity

Specifications

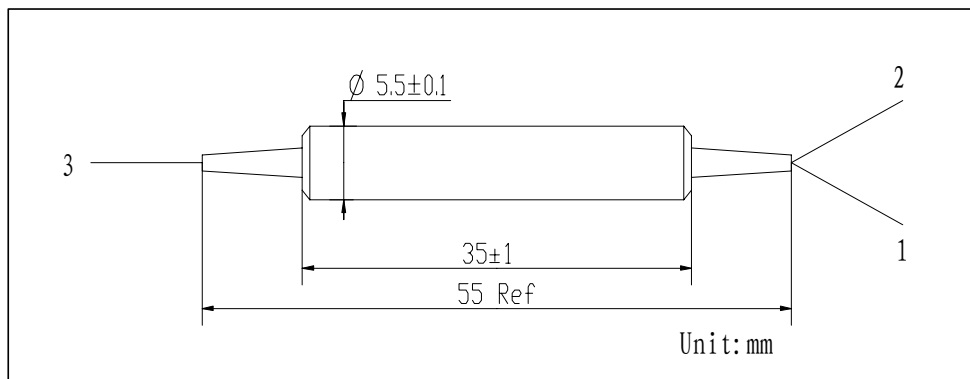
Parameter	Unit	Values	
		Single stage	Dual stage
Stage		Single stage	Dual stage
Center Wavelength	nm	1310, 1480 or 1550	
Operating Wavelength Range	nm	±40	
Typ. Insertion loss	dB	0.65	0.75
Max. Insertion loss	dB	0.9	1.0
Typ. Isolation	dB	38	52
Min. Isolation @23°C	dB	20	42
Min. Extinction Ratio (for Splitter only)	dB	20	20
Min. Return Loss	dB	50	
Min. Directivity	dB	50	
Max. Optical Power (CW)	W	1, 3, 5 or Specify	
Max. Peak Power for ns Pulse	kW	10	
Max. Tensile Load	N	5	
Fiber Type		PM Panda Fiber on Port 1 and 2, SMF-28e Fiber or PM Panda Fiber on Port 3	
Operating Temperature	°C	-5 to +70	
Storage Temperature	°C	-40 to +85	

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, RL will be 5dB lower and ER will be 2dB lower and optical power is only 1000mW(CW).

*The PM fiber and the connector key are aligned to the slow axis.

Package Dimensions



Ordering Information

HIPBC-①①-②-③③-④④④-⑤⑤⑤-⑥-⑦

HIPBS-①①-②-③③-④④④-⑤⑤⑤-⑥-⑦

①①: Wavelength

31 - 1310nm

48 - 1480nm

55 - 1550nm

SS - Specify

②: Stage

S - Single Stage

D - Dual Stage

③③: Handling Power

01 - 1W

SS - Specify

④④④: Connector Type on Port 1, 2 & 3

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑤⑤⑤: Fiber Jacket on Port 1, 2 & 3

B - 250um Fiber

L - 900um Loose Tube

S - Specify

⑥: Fiber Type on Port 3

1 - SMF-28e Fiber

2 - Slow axis align 45° to Port 1

3 - Slow axis align to Port 1

4 - All ports are SMF-28e

S - Specify

⑦: Fiber Length

0.8 - 0.8m

S - Specify