

Polarization Beam Combiner/Splitter

Features

Low insertion loss
High Efficiency
stability and reliability

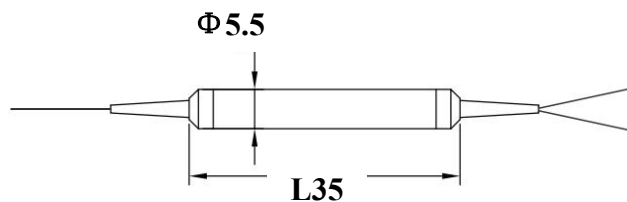
Application

Wave Fiber Laser
High-Power Laser Equipment
Experimental tests and other areas

Parameter	Value	Unit	Note
Center wavelength	1542.94nm	nm	
Operating bandwidth	±20	nm	
Insertion loss (1→3, 3→2) with connector	≤1.0	dB	
Extinction ratio (1→3, 3→2) with connector	≥28	dB	
Return loss	≥50	dB	
Directivity	≥68	dB	
Handling power (Average)	200	mW	
Working axis	1→3: slow→slow; 3→2: fast→slow.	/	
Fiber type	SM15-PS-U25D	/	
Connector	FC/APC for port 2.	/	
Fiber length	Port1&3: 0.7~1.0m, port2: 0.3~0.5m.	m	
Operating Temperature	-5~+70	°C	
Storage Temperature	-40~+85	°C	
Dimensions (Φ*L)	Φ5.5x35	mm	

* The default connector key is aligned to slow axis.

Mechanical Dimension



Ordering Information

specification	GCPBC/PBS
Port Number	1×2(For PBS) or 2×1(For PBC)
Operating Wavelength	1542nm etc
Fiber Code	Specify
Pigtail Type	0=250μm;1=900μm;4=others
Working axis Type	0=port3 SM fiber; 1=port3 PM fiber and slow axis aligned to port1, 2= port 3 PM fiber and slow axis align 45to port1, 4=others
Package	5.5× 35 etc
Connector	FC/UPC,FC/APC etc