

1x2 Polarization Beam Combiner /Splitter(PBS/PBC)-80μm PMF

Features

- Low Insertion Loss
- High Extinction Ratio
- High Stability and Reliability

Applications

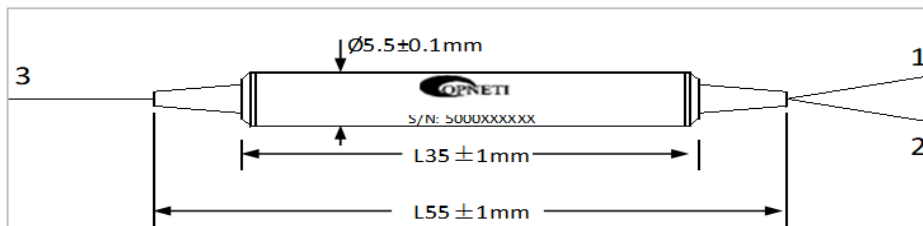
- EDFA & Raman Amplifier
- Fiber Sensor
- Coherent Telecommunication Systems
- Polarization Mode Dispersion Compensator

Specifications

Parameters	Unit	Grade P	Grade P
Operating Wavelength	nm	1310, 1450,1480, 1550	980, 1064
Operating Bandwidth	nm	±40	±20
Typ. Insertion Loss	dB	0.7	0.9
Insertion Loss (dB)	dB	≤0.90	≤1.10
Extinction Ratio (only for PBS)	dB	≥19	≥19
Directivity	dB	≥50	
Return Loss	dB	≥50	
Power Handling	mW	≤300	
Fiber Type	Port 1&2	80/165um Bare Panda Fiber	
	Port 3	RC SMF-28 or RC HI1060 or RC PM Panda Fiber	
Fiber Length	m	0.8	
Operating Temperature	°C	-5~+70	
Storage Temperature	°C	-40 ~ +80	
Dimensions	mm	φ5.5×L35	

*For devices with connectors, IL+0.3dB, RL-5dB, ER-2dB.

Package Dimensions



Ordering Information

PBS-
PBC- ①①①-②-③③③-④④④-⑤-⑥⑥⑥-⑦⑦

①	Port	1x2;
②	Grade	P=Grade P;
③	Wavelength	1064; 1310; 1450; 1480; 1550; 980;
④	Pigtail Type	165=165μm Fiber;
⑤	Fiber Type @ Port3	1=RC SMF-28; 2=RC HI1060; 3=RC PMF,Slow Axis Align to Port1; 4=RC PMF, Slow Axis Align 45° to Port1;
⑥	Length	0.8=0.8m;
⑦	Connector	NE=None;