

1x2 Isolator Polarization Beam Combiner /Splitter(IPBC/IPBS)- 1064nm

Features

Low Insertion Loss
High Extinction Ratio
High Stability and Reliability

Applications

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



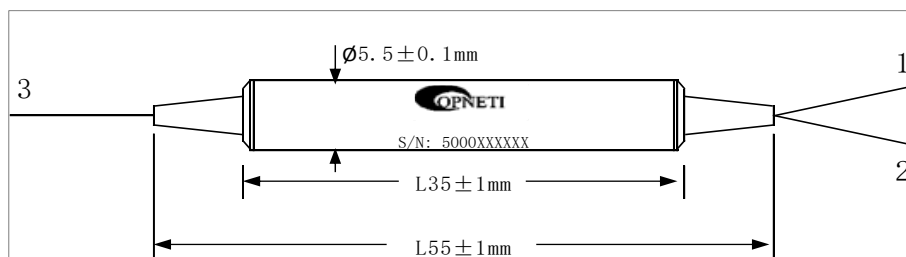
Specifications

Parameters	Unit	Single Stage
Center Wavelength	nm	1064
Operating Bandwidth	nm	±5
Typ. Insertion Loss	dB	1.8
Insertion Loss	dB	≤2.1
Typ. Isolation	dB	35
Isolation	dB	≥25
Extinction Ratio (only for IPBS)	dB	≥20
Directivity	dB	≥50
Return Loss	dB	≥50
Power Handling	mW	≤300
Fiber Type	Port 1&2	PM980
	Port 3	HI1060 or PM980
Fiber Length	m	1
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.

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

Package Dimensions



Ordering Information

IPBS- ①①①①-②-③③③③-④④④④-⑤-⑥-⑦⑦
IPBC-

①	Port	1x2;
②	Stage	S=Single Stage;
③	Wavelength	1064;
④	Pigtail Type	250=250μm bare fiber; 900=900μm loose tube;
⑤	Fiber Type @ Port 3	2=HI 1060; 3=PM Fiber, Slow Axis Align to Port 1; 4=PM Fiber, Slow Axis Align 45°to Port 1;
⑥	Length	1=1m;
⑦	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;