

High Power 1x2 Polarization Beam Combiner/Splitter

Features

Low Insertion Loss
High Extinction Ratio
High Stability and Reliability

Applications

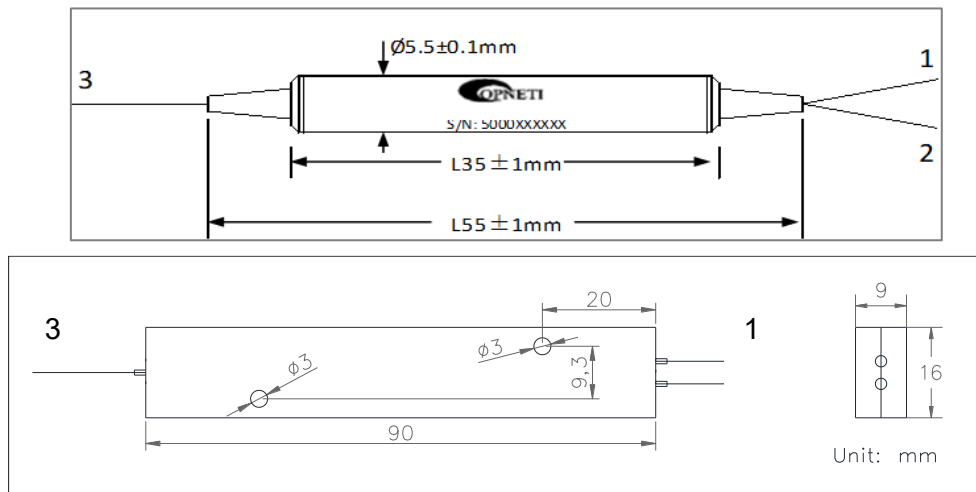
Fiber Sensor
Coherent Telecommunication Systems
Polarization Mode Dispersion Compensator

Specifications

Parameters	Unit	Values
Operating Wavelength	nm	1900, 1950, 2000, 2050, 2100
Operating Bandwidth	nm	±20
Typ. Insertion Loss	dB	0.6
Insertion Loss	dB	≤1.0
Extinction Ratio	dB	≥20
Directivity	dB	≥50
Return Loss	dB	≥50
Max Power Handling (CW)	W	1, 2, 5, 10
Fiber Type	Port 1&2	PM1950 Fiber
	Port 3	SMF-28e, SM1950 or PM1950 Fiber
Fiber Length	m	1
Operating Temperature	°C	-0~+70
Storage Temperature	°C	-40 ~ +80
Dimensions	mm	φ5.5×35, 90×16×9 (for 5~10W)

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

Package Dimensions



Ordering Information

PBS- ①①①-②-③③③③-④④④-⑤-⑥-⑦⑦-⑧⑧
PBC-

①	Port	1x2;
②	Grade	P=Grade P;
③	Wavelength	1900; 1950; 2000; 2050; 2100;
④	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube;
⑤	Fiber Type @ Port3	1=SMF-28e; S9=SM1950; 3=PM Fiber, Slow Axis Align to Port1; 4=PM Fiber, Slow Axis Align 45° to Port1;
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;
⑧	Power Handling	1W; 2W; 5W; 10W;