

## Super Miniature Size Single Mode Coupler

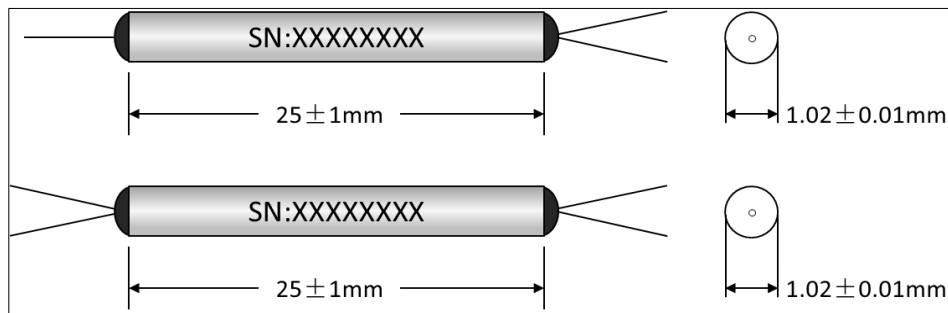
### Specifications

Parameters	Unit	CP-S	CP-W, CP-D	
Grade	dB	Grade P	Grade P	
Center Wavelength	nm	1310, 1550 or others	1310, 1550 or 1310/1550	
Operating Bandwidth	nm	±15	±40	
Excess Loss	dB	≤0.4	≤0.5	
Insertion loss	50/50	dB	≤3.7	≤3.8
	40/60	dB	≤4.8/2.9	≤4.9/2.9
	30/70	dB	≤6.1/2.1	≤6.3/2.1
	20/80	dB	≤8.0/1.3	≤8.0/1.3
	10/90	dB	≤11.8/0.85	≤12.0/0.8
	5/95	dB	≤15.0/0.50	≤15.5/0.55
	2/98	dB	≤19.2/0.35	≤19.5/0.4
	1/99	dB	≤22.2/0.3	≤22.5/0.35
PDL	dB	≤0.10	≤0.15	
Return Loss	dB	≥50		
Directivity	dB	≥50		
Power Handling CW	mW	500		
Operating Temperature	°C	-5 ~ +70		
Storage Temperature	°C	-40 ~ +85		

\*With connectors, IL+0.3dB, RL-5dB.

### Package Information

Configuration	1x2 or 2x2
Fiber Length	1m, others on request
Fiber Type	SMF-28e
Pigtail Type	250µm Bare Fiber
Dimensions(mm)	φ1.02×L25



### Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤-⑥⑥⑥⑥-⑦⑧-⑨⑨-⑩⑩⑩⑩

①	Type	S=Standard; W=Wide Band; D=Dual Window;
②	Grade	P=Grade P;
③	Port Type	1x2; 2x2;
④	Wavelength	1310; 1550; 1310/1550;
⑤	Coupling Ratio	1/99; 2/98; 3/97; .....; 50/50;
⑥	Pigtail Type	250=250µm Fiber;
⑦	Fiber Type	1=SMF-28e;
⑧	Length	1=1m; X=Other;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; LC=LC/UPC; XX=Others;
⑩	Package	1.02x25;