

## High Temperature Single Mode Standard Coupler

### Specifications

Parameters	Unit	Grade P	Grade A	
Operating Wavelength	nm	1310 or 1550 or others		
Operating Bandwidth	nm	±15		
Typical Excess Loss	dB	0.07	0.10	
Insertion Loss	50/50	dB	≤3.4	≤3.6
	40/60	dB	≤4.4/2.6	≤4.7/2.8
	30/70	dB	≤5.7/1.9	≤6.0/2.0
	20/80	dB	≤7.6/1.25	≤8.0/1.35
	10/90	dB	≤11.8/0.65	≤11.5/0.8
	5/95	dB	≤14.62/0.4	≤14.8/0.5
	2/98	dB	≤19.0/0.25	≤19.0/0.35
1/99	dB	≤21.5/0.2	≤22.0/0.3	
Uniformity (50/50)	dB	≤0.6	≤1.0	
PDL	dB	≤0.05	≤0.10	
Return Loss	dB	≥50		
Power Handling	W	5		
Package Type	mm	Φ3X54 for bare fiber		
	mm	90x16x9 for bare fiber or 900μm loose tube		
Operating Temperature	°C	-60 ~ +300		
Storage Temperature	°C	-60 ~ +300		

### Package Information

Configuration	1x2 or 2x2
Fiber Length	1m, others on request
Fiber Type	SMF-28 compatible High Temperature Fiber

### Ordering Information

CP- ①-②-③③③③-④④④-⑤⑤⑤⑤-⑥⑥⑥-⑦⑦⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩

①	Type	S=Single Mode Standard Coupler;
②	Grade	P=Grade P; A=Grade A;
③	Wavelength	1310; 1550;
④	Port Type	1x2; 2x2;
⑤	Coupling Ratio	1/99; 2/98; 3/97; .....; 50/50;
⑥	Pigtail Type	250=250μm Fiber; 900μm;
⑦	Fiber Type	SHT=High Temperature SMF;
⑧	Length	1=1m; X=Other;
⑨	Connector	NE=None Connector;
⑩	Package	3x54; 90x16x9;