

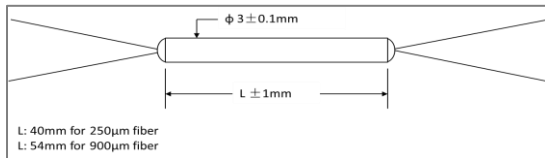
Single Mode Standard Fused Coupler-2μm

Specifications

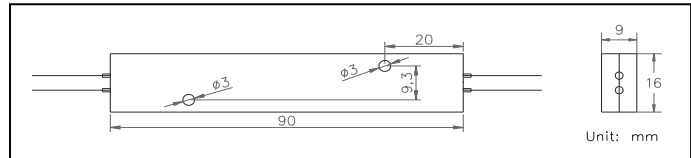
Parameters	Unit	Grade P	
Operating Wavelength	nm	1900, 1940, 1950, 2000, 2100	
Operating Bandwidth	nm	±15	
Typical Excess Loss	dB	0.3	
Insertion Loss	50/50	dB	≤3.6/3.6
	40/60	dB	≤4.8/2.8
	30/70	dB	≤6.0/2.0
	20/80	dB	≤8.0/1.5
	10/90	dB	≤11.5/0.75
	5/95	dB	≤14.5/0.5
	2/98	dB	≤18.5/0.35
1/99	dB	≤22/0.3	
PDL	dB	≤0.15	
Return Loss	dB	≥50	
Directivity	dB	≥50	
Power Handling*	W	1,2,5,10,20	
Operating Temperature	°C	-40 ~ +85	

* Power handling will be only 1W if built with connector.

Package Dimensions



for 1~10 W



for >10W

Package Information

Configuration	1x2 or 2x2		
Fiber Length	1m, others on request		
Fiber Type	SMF-28e, Nufern SM 1950, Thorlabs SM2000		
Pigtail Type	250μm Bare Fiber	900μm Loose Tube	900μm/2mm/3mm Loose Tube
Dimensions(mm)	φ3.0x40	φ3.0x54	90x16x9

Ordering Information

CP ①-②-③③③-④④④④-⑤⑤⑤⑤-⑥⑥⑥⑥-⑦-⑧-⑨⑨⑨⑨⑩⑩⑩⑩-⑪

①	Type	S=Standard;
②	Grade	P=Grade P;
③	Port Type	1x2; 2x2;
④	Wavelength	1900; 1940; 1950; 2000; 2100;
⑤	Coupling Ratio	1/99; 2/98; 3/97;; 50/50;
⑥	Pigtail Type	250=250μm Fiber; 900=900μm Loose Tube; 2mm=2mm loose tube; 3mm=3mm Loose Tube;
⑦	Fiber Type	1=SMF-28e; 9=SMF1950; 0=SM2000;
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	3x40; 3x54; 90x16x9;
⑪	Power Handling	1=1W; 2=2W; 20=20W;