

1x3 Fused Fiber Coupler-2μm

Features

- Low Excess Loss
- High Power Handling
- Both Axis Working/Polarization Insensitive
- Telcordia GR-1221 Compliant

Applications

- Optical Amplifier
- Power Monitoring
- Coherent Communication

Specifications

Parameters	Unit	SMF Grade P	PMF Grade P
Port Configuration		1x3	
Operating Wavelength	nm	1860, 1940, 1950, 2000, 2050, 2100	
Operating Bandwidth	nm	±15	
Excess Loss	dB	≤0.6 (Typ. 0.3)	≤0.6 (Typ. 0.3)
Splitting Ratio Tolerance	%	refer to below table	refer to below table
Polarization Extinction Ratio	dB	-	≥18
PDL	dB	≤0.15	-
Power Handling	W	≤2	
Operating Temperature	°C	-40 ~ +85	
Storage Temperature	°C	-40 ~ +85	

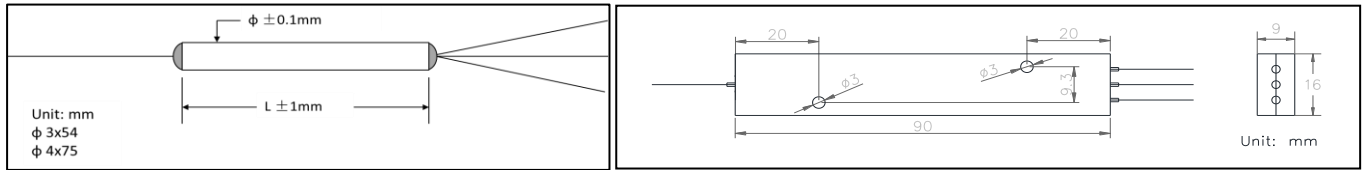
Splitting Ratio Tolerance (%)

Splitting Ratio	Throught Port	Coupling Port
5:90:5	±2.5	±1.5
10:80:10	±2.8	±1.6
15:70:15	±3.0	±1.8
20:60:20	±3.3	±2.0
25:50:25	±3.5	±2.4
30:40:30	±4.0	±3.0
33:33:33	±6.0	±6.0
35:30:35	±4.0	±5.0
40:20:40	±5.0	±6.0

Package Information

Configuration	1x3		
Fiber Length	0.8m, others on request		
Fiber Type	SMF-28e, SM1950, SM2000; PM1550, PM1950		
Pigtail Type	250μm Bare Fiber	900μm Loose Tube	900μm/2mm/3mm Loose Tube
Dimensions(mm)	φ3x54	φ4.0×75	90×16x9

Package Size



Ordering Information

CP- ①-②-③③③-④④④④-⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩

①	Type	S=SMF; PI=Polarization Insensitive;
②	Grade	P=Grade P;
③	Port Type	1x3;
④	Wavelength	1860; 1940; 1950; 2000; 2050; 2100;
⑤	Coupling Ratio	EVEN; 5:90:5; 10:80:10; ...; 40:20:40;
⑥	Pigtail Type	250=250um Bare Fiber; 900=900um Loose Tube;
⑦	Fiber Type	1=SMF-28; S9=SM1950; S0=SM2000; 5=PM1500; P9=PM1950;
⑧	Length	1=1m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC;
⑩	Package	3x54; 4x75; 90x16x9;