

3x3 Fused PM Fiber Polarization Insensitive Coupler

Features

Low Excess Loss
High Power Handling
Available for Slow Only And Fast Axis App
Telcordia GR-1221 Compliant

Applications

Optical Amplifier
Power Monitoring
Coherent Communication
Fiber Gyroscope

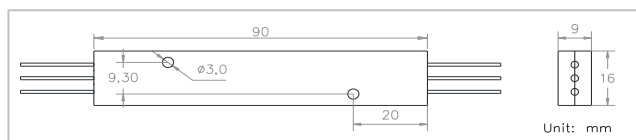
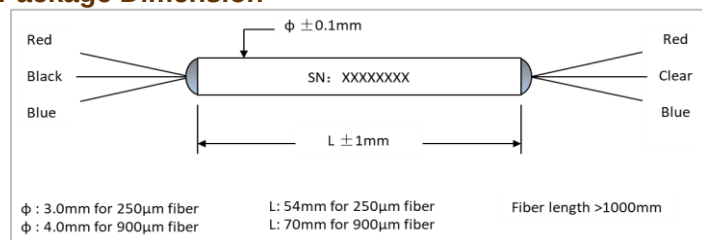
Specifications

Parameters	Unit	Value	
Operating Wavelength	nm	1310, 1480, 1550	1030, 1060, 1950, 2000, 2050
Operating Bandwidth	nm	±20	
Excess Loss	dB	≤0.8 (Typ. 0.6)	≤1.0 (Typ. 0.8)
Polarization Extinction Ratio	dB	≥18	≥16
Splitting Ratio Tolerance (33:33:33)	%	±10	±10
Fiber Type		PM1300, PM1550	PM980, PM1550, PM1950
Return Loss	dB	≥55	
Power Handling	W	≤2	
Directivity	dB	≥55	
Operating Temperature	°C	-40 ~ +85	
Storage Temperature	°C	-40 ~ +85	

Package Information

Configuration	3x3		
Fiber Length	0.8m, others on request		
Fiber Type	Panda fiber		
Pigtail Type	250µm Bare Fiber	900µm Loose Tube	2mm/3mm Loose Tube
Dimensions(mm)	φ3.0×54	φ4.0×70	90×16×9

Package Dimension



Ordering Information

CP- ①①-②③③③-④④④④-⑤⑤⑤⑤⑤⑤⑤⑤⑤⑤-⑥⑥⑥⑥-⑦⑧-⑨⑨-⑩⑩⑩⑩⑩⑩⑩⑩⑩⑩

①	Type	PS=PM Fused Coupler;
②	Grade	P=Grade P;
③	Port Type	3x3;
④	Wavelength	1030; 1060; 1310; 1480; 1550;1950; 2000; 2050;
⑤	Coupling Ratio	33:33:33;
⑥	Pigtail Type	250=250um Bare Fiber; 900=900um Loose Tube;
⑦	Fiber Type	5=PM Fiber;
⑧	Length	1=1m;
⑨	Connector	NE=None; FA=FC/APC; FC=FC/UPC; SA=SC/APC; SC=SC/UPC; XX=Others;
⑩	Package	φ3.0×54; φ4.0×70; 90x16x9;