Multi-Mode Fiber Coupler

Specifications

Parameters		Unit	Grade P	Grade A
Operating Wavelength		nm	633 or 850 or 1310, 850/1310	
Operating Bandwidth		nm	±40	
Typical Excess Loss		dB	0.40	0.70
Insertion Loss	50/50	dB	≤3.7/3.7	≤4.0/4.0
	40/60	dB	≤4.7/2.7	≤5.0/3.0
	30/70	dB	≤6.0/2.1	≤6.3/2.4
	20/80	dB	≤7.8/1.4	≤8.1/1.7
	10/90	dB	≤11.2/0.9	≤11.6/1.2
	5/95	dB	≤14.5/0.7	≤15.0/1.0
	2/98	dB	≤18.6/0.6	≤19.4/0.9
	1/99	dB	≤22.0/0.5	≤22.8/0.8
Uniformity (50/50)		dB	≤0.5	≤0.8
Directivity		dB	≥55	
Operating Temperature		℃	-20 ~ +70	
Storage Temperature		℃	-40 ~ +85	

Package Information

Configuration	1x2 or 2x2		
Fiber Length	1m, others on request		
Fiber Type	50/125, 62.5/125, 105/125, 200/220μm		
Pigtail Type	250μm Bare Fiber	900μm Loose Tube	900μm/2mm/3mm Loose Tube
Dimensions(mm)	φ3.0x40	φ3.0x56	90x16x9

Ordering Information

CP- ①-②-③③③-④④④-⑤⑤⑤⑤-⑥⑥⑥-⑦-⑧-⑨⑨-⑩⑩⑩⑩⑩

①	Type	M=Multimode Fiber Coupler;
②	Grade	P=Grade P; A=Grade A;
③	Port Type	1x2; 2x2;
④	Wavelength	633; 850; 1310; 850/1310;
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	2=50/125; 3=62.5/12.5; 8=105/125; 9=200/220;
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; 3x56; 90x16x9;