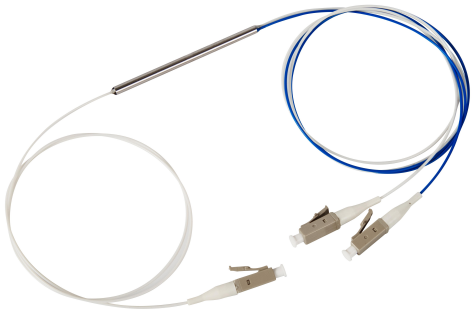
1×2(2×2) Multi-Mode Coupler

Applications:

- ✧ Optical communication systems
- ✧ CATV
- ✧ Local Area Networks
- ✧ Testing instruments



Specifications

		1×2(2×2) MMC	
		P	A
Operating wavelength (nm)		850 or 1310, others on request	
Operating bandwidth (nm)		±40	
Typical excess loss (dB)		0.4	0.7
Insertion Loss (dB)	50/50	≤3.7/3.7	≤4.0/4.0
	40/60	≤4.7/2.7	≤5.0/3.0
	30/70	≤6.0/2.1	≤6.3/2.4
	20/80	≤7.8/1.4	≤8.1/1.7
	10/90	≤11.2/0.9	≤11.6/1.2
	5/95	≤14.5/0.7	≤15.0/1.0
	2/98	≤18.6/0.6	≤19.4/0.9
	1/99	≤22.0/0.5	≤22.8/0.8
Uniformity (50/50)(dB)		≤0.5	≤0.8
Operating temperature (℃)		-40 ~ +85	
Fiber type (um)		50/125 or 62.5/125 Multi-mode fiber or others	
Package Dimension		250μm bare fiber: Φ3.0×45mm 900μm loose tube: Φ3.0×54mm 900um/2mm/3mm loose tube: 90×20×10mm	

*The above specification is without connector.
**Other specifications can be made on customer request.

Ordering Information

MMC	X	XXX	XXXX	XX/XX	X	X	XXX	XX/XX
	Grade	Port number	Operating Wavelength	Coupling Ratio	Pigtail Type	Encapsulation steel tube	Fiber Length	Connector
	P=Perfect	1×2	850=850	01/99	0=250um	3.0×45	1m	FC/UPC
	A=Grade A	1×3	1310=1310	02/98	1=900um	3.0×54	1.5m	FC/APC
	X=customized		850 & 1310	03/97	4=others		2m	SC/UPC
			…	…			…	…