

Multi-Mode Fiber Coupler

Features	
Low excess loss & low IL	
Broad Operating Band	
High stability and reliability	
Application	
Multi-mode fiber communication systems	
Testing instrument	
Optical fiber sensors	

Specifications

Parameter		Grade	P	A
Operating wavelength (nm)			633 or 850 or 1310, 850/1310	
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
Directivity (dB)			≥40	
Operating temperature (°C)			-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)	φ3.0×54 or φ3.0×40	φ3.0×54 φ3.0×56	90×14×8.5 or 90×16×9

Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package	Light source
	M=Multi mode fiber Coupler	P A	1x2 2x2 1x3 1x4 1x5	633 850 1310 850/1310	1/99 2/98 3/97 50/50	250=250μm bare fiber 900=900μm loose tube 2000=2mm loose tube 3000=3mm loose tube	2=50/125 3=62.5/12.5 X=105/125	1= 1m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC MU=MU/UPC XX=Others	3x40 3x54 3x56 90x14x8.5 90x16x9	L=LED V=VSC EL