

Mini Size Multi-Mode Fiber Coupler

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

Specifications

Grade		P	A
Parameter			
Operating wavelength (nm)		850 or 1310, 850/1310	
Operating bandwidth (nm)		±40	
Typical excess loss (dB)		0.4	0.7
Insertion loss (dB)	50/50	≤3.8/3.8	≤4.1/4.1
	40/60	≤4.8/2.8	≤5.1/3.1
	30/70	≤6.1/2.2	≤6.4/2.5
	20/80	≤7.9/1.5	≤8.2/1.8
	10/90	≤11.3/1.0	≤11.7/1.3
	5/95	≤14.6/0.8	≤15.1/1.1
	2/98	≤18.7/0.7	≤19.5/1.0
	1/99	≤22.1/0.6	≤22.9/0.9
Uniformity (50/50) (dB)		≤0.8	≤1.0
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
Pigtail type	250µm bare fiber
Dimensions (mm)	φ3.0×35

Ordering Information

CP	Wavelength	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package	
	S = Single mode standard coupler	P	1x2	532	1/99	250=250um	1=SMF-28e	1=	NE=None	3x54	
		A	2x2	633	2/98	bare fiber	2=50/125	1m	FA=FC/APC	3x40	
	W =Wide band coupler		1x3	780	3/97	900=900um	3=62.5/12.5	X: other		FC=FC/UPC
			1x4	850	loose tube	4=HI1060FLE				
	D =Dual window coupler		1x5	980	50/50	2000=2mm	X			SA=SC/APC	
			1064		loose tube	5=Panda fiber			SC=SC/UPC	
	T =Three Window coupler				1310		3000=3mm			LC=LC/UPC	
					1550		loose tube			LA=LC/APC	
	M =Multimode fiber Coupler				1310/1550					MU=MU/UPC	
					1260~1620					XX=Others	