

Single Window Fused Single Mode Coupler

Features	
Low excess loss & low IL	
Low PDL	
High stability and reliability	
Application	
Optical communication systems	
CATV	
FTTH/PON	

Specifications:

Parameter		Grade P	Grade A
Operating wavelength (nm)		1064±15	
Typical excess loss (dB)		0.07	0.10
Insertion loss (dB)	50/50	≤3.4	≤3.6
	40/60	≤4.4/2.6	≤4.7/2.8
	30/70	≤5.7/1.9	≤6.0/2.0
	20/80	≤7.6/1.25	≤8.0/1.35
	10/90	≤11.0/0.65	≤11.5/0.8
	5/95	≤14.2/0.4	≤14.8/0.5
	2/98	≤18.5/0.0.25	≤19.0/0.35
	1/99	≤21.5/0.2	≤22.0/0.3
PDL (dB)		≤0.10	≤0.15
Directivity (dB)		≥55	
Return Loss(dB)		≥55	
Operating temperature (°C)		-40 ~ +85	

Ordering Information

FS MC	Wavelength	Port Type	Coupling Ratio	Grade	Package	Fiber type	00	Pigtail Type	Length	Connector
	6=1064	1=1x 2 2=2*2	1=1/99 2=2/98 3=3/97 5=5/95 A=10/90 B=20/80 C=30/70 D=40/60 E=50/50	P=P grade A=A grade	D=(φ3XL54) E=(φ3XL40)	3=HI1060F LEX	00	1=250um bare fiber 2=900um loose tube 3=3mm loose tube 4=2mm loose tube	H= 0.5m 8= 0.8m 1= 1m 5= 1.5m 2=2m	0=None 1=FC/UPC 2=FC/APC 3=LC/UPC 4=LC/APC 5=SC/UPC 6=SC/APC