


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)	1310+/-15;1550+/-15;1650+/-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		

*** Package Information**

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e		
Pigtail type	250μm bare fiber	900μm loose tube	900μm/2mm/3mm loose tube
Dimensions(φ×L)(mm)	φ3.0×L40 (E)or φ3.0×L54(d)or2.4×L42(N)	φ3.0×L54(D) φ3.0×L70(M)	L90×W14×H8.5(P5) L90×W20×H9.5(P7)

Ordering Information

FS MC	Wavel length	Port Type	Coupling Ratio	Grade	Package	Fiber type	00	Pigtail Type	Length	Connector
	3=131 0nm 5=155 0nm 6=165 0nm	1=1x 2 2=2x 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 gra de A=A gra de	C=(φ4X60) D=(φ3XL54) E=(φ3XL40) F=(φ3XL35) M=(φ3XL70) N=(φ2.4X42)	0=SMF-28 e 1=RC80 SM1550 (长飞)	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