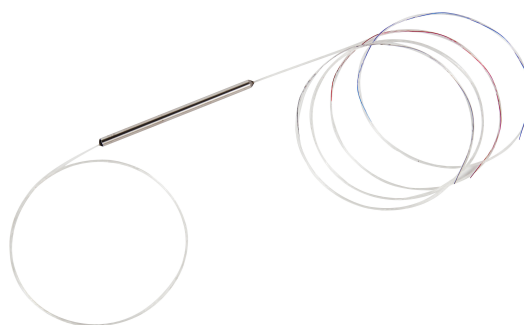


1×3(1×4) Monolithic Single Mode Coupler

Applications:

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



Specifications

	1×3 SSC		1×3 WBC		1×3 DWC			
Operating wavelength (nm)	1310 or 1550		1310 or 1550		1310 and 1550			
Operating bandwidth (nm)	±15		±40		±40			
Port configuration	1×3							
Grade	P	A	P	A	P	A		
Typical excess loss (dB)	0.10	0.15	0.10	0.15	0.10	0.15		
Insertion Loss (dB)	≤5.4	≤5.7	≤5.6	≤6.0	≤5.8	≤6.2		
PDL (dB)	≤0.15	≤0.20	≤0.15	≤0.20	≤0.20	≤0.25		
Uniformity (dB)	≤0.8	≤1.2	≤1.0	≤1.4	≤1.2	≤1.5		
	1×4 SSC		1×4 WBC		1×4 DWC		1×4 TWC	
Operating wavelength (nm)	1310 or 1550, others on request				1310 and 1550		1310, 1490 and 1550	
Operating bandwidth (nm)	±15		±40		±40		1310±40, 1490±10, 1550±40	
Port configuration	1×4							
Grade	P	A	P	A	P	A	P	A
Typical excess loss (dB)	0.15	0.25	0.20	0.30	0.30	0.40	0.30	0.40
Insertion Loss (dB)	≤7.0	≤7.4	≤7.1	≤7.4	≤7.2	≤7.5	≤7.2	≤7.5
PDL (dB)	≤0.20	≤0.25	≤0.20	≤0.25	≤0.25	≤0.30	≤0.25	≤0.30
Uniformity (dB)	≤1.0	≤1.4	≤1.2	≤1.6	≤1.4	≤1.8	≤1.4	≤1.8
Directivity (dB)	≥55							
Operating temperature (°C)	-40 ~ +85							

*The above specification is without connector.

**Other specifications can be made on customer request.



Ordering Information

/	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	1×3	1310=1310	01/99	0=250um	3.0×54	1m	FC/UPC
	A=Grade A	1×4	1550=1550	02/98	1=900um	4.0×70	1.5m	FC/APC
	X=customized		1310,1490 & 1550	03/97	4=others		2m	SC/UPC
		