

Single Window Fused Single Mode Coupler

产品特点

Low excess loss & low IL
 Low PDL
 High stability and reliability

应用领域

Optical communication systems
 CATV
 FTTH/PON

主要参数

Parameter	Grade P	
Operating wavelength (nm)	1310+/-15;1550+/-15;1650+/-15	
Typical excess loss (dB)	0.07	
Insertion loss (dB)	50/50	≤3.4
	40/60	≤4.4/2.6
	30/70	≤5.7/1.9
	20/80	≤7.6/1.25
	10/90	≤11.0/0.65
	5/95	≤14.2/0.4
	2/98	≤18.5/0.025
	1/99	≤21.5/0.2
	33.3/66.7	≤5.2/2.12
PDL (dB)	≤0.10	
Directivity (dB)	≥55	
Return Loss (dB)	≥55	
Operating temperature (°C)	-40 ~ +85	

For device with connector, IL is 0.3dB higher, RL is 5dB lower, ER is 2dB lower. The default connector key is aligned to slow axis.

CP	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	1x2	1310nm	1/99	250um	SMF-28e	0.8m	NE=None	3x54
	2x2	1550nm	2/98	900um		other	FA=FC/APC	3x35
			3/97	2mm			FC=FC/UPC	
			3mm			LC=LC/UPC	
			50/50				XX=Other	

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