


Special Wavelength Single Mode Coupler

Features	
Low excess loss & low IL & low PDL High stability and reliability	
Application	
Optical communication systems CATV Fiber sensor	

Specifications

Parameter	Value			
Operating wavelength (nm)	488,532	633	780,830,850	980,1064
Operating bandwidth (nm)	±15			
Coupling ratio	1/99 ~ 50/50			
Fiber type	SM450	SM600	HI780C, SM800	HI1060flex
Typical excess Loss(dB)	1.0	0.7	0.4	0.2
Directivity (dB)	≥55			
Operating temperature (°C)	-40 ~ +85			

Package Information

Configuration	1x2 or 2x2		
Fiber length	0.8m, others on request		
Pigtail type	250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×54	90×14×8.5

Ordering Information

CP	Type	Grade	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Singlemode standard coupler	P A	1x2 2x2	488 532 633 780 830 850 980 1064	1/99 2/98 3/97 50/50	250=250um bare fiber 900=900um loose tube 2000=2mm loose tube 3000=3mm loose tube	SM450 SM600 HI780C SM800 HI1060flex HI1060	1= 1m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC LA=LC/APC MU=MU/UPC XX=Others	3x54 90x14x8. .5