

High Power 1x2(2x2) Fused PM Fiber Coupler

Features	
Low Excess loss & Low Insertion Loss High Extinction Ratio High stability and reliability	
Application	
Optical Amplifier, Fiber Laser	

Specification

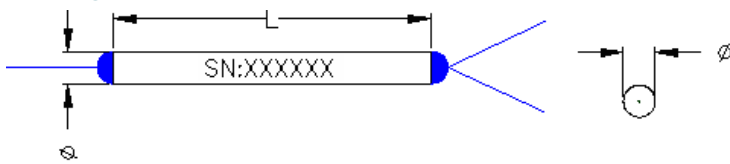
Parameter	Value	
Central Wavelength (nm)	1550	980, 1030, 1064,
Bandwidth (nm)	±20	
Typ. Excess Loss (dB)	0.2	0.6
Max.Excess Loss (dB)	≤0.4	≤0.8
ER (dB)	≥20	≥20
Directivity (dB)	≥55	
Power (CW, W)	10,20	
Operating Temperature(°C)	-20 ~ +70	
Storage Temperature (°C)	-40 ~ +85	

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.

Package Information

Configuration	1x2 or 2x2		
Fiber length	0.8m, others on request		
Fiber Type	Panda fiber		
Pigtail type	250µm bare fiber	900µm loose tube	900µm/2mm/3mm loose tube
Dimensions(mm)	φ3.0×54 (<5W) 70x12x8 (10-20W)	φ3.0×70 or φ3.0× 54	90x20x9.5

Package Dimensions



Ordering Information

CP	Type	Port Type	Wavelength (nm)	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	PS=PM fused coupler	1x2 2x2	980 1030 1064 1550	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube 3=3mm loose tube	5=Panda fiber	0.8= 0.8m X:other	NE=None FA=FC/APC FC=FC/UPC SA=SC/APC SC=SC/UPC LC=LC/UPC XX=Other	54=3x54 AL=70x12x8 .