

2000nm Fused Coupler

Features	
Wide Bandwidth	
Low Insertion Loss	
High Reliability	
Applications	
Telecommunications	
CATV Network	
FTTH/PON	

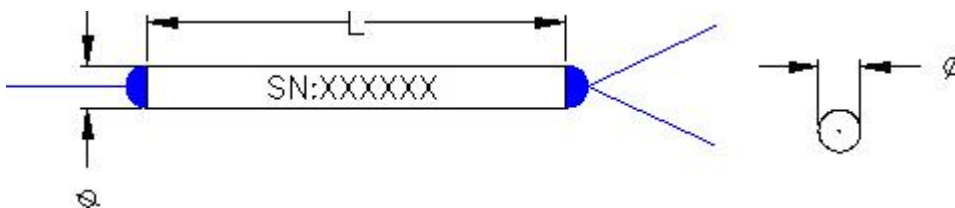
Specifications

Parameter		Value
Operating wavelength (nm)		2000
Operating bandwidth (nm)		±20
Max excess loss (dB)		≤0.3
Insertion loss (dB)	50/50	≤3.6
	40/60	≤4.8/2.8
	30/70	≤6.0/2.0
	20/80	≤8.0/1.5
	10/90	≤11.5/0.75
	5/95	≤14.5/0.5
	2/98	≤18.5/0.35
	1/99	≤22/0.3
PDL (dB)		≤0.2
Directivity (dB)		≥55
Max Optical Power (W)		4
Operating temperature (°C)		40 ~ +85

Package Information

Configuration	1x2 or 2x2		
Fiber length	1m, others on request		
Fiber Type	SMF-28e or Nufern SM 1950		
Pigtail type	250µm bare fiber	900µm loose tube	2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	φ3.0×70	90x20x9.5

Package Dimensions



Ordering Information

CP	Type	Grade	Port	Wavelength	Coupling Ratio	Pigtail Type	Fiber Type	Length	Connector	Package
	S=Wide Band Coupler	P A	1x2 2x2	2000=2000nm	1/99 2/98 3/97 50/50	0=250um bare fiber 1=900um loose tube 2=2mm loose tube	1=SMF-28e 2=Nufern SM1950	1= 1m X:other	NE=None FC=FC/UPC SC=SC/UPC FA=FC/APC SA=SC/APC ST=ST/UPC LC=LC/UPC xx=Others	3x54 3x40 90x20x9.5