



LP Technical Development Ltd

Special Wavelength Coupler

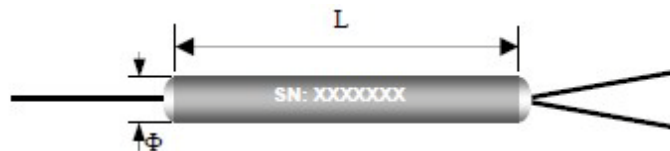
Features	Applications
High Isolation Low Insertion Loss High Reliability	Testing Instrument Fiber Sensor Optical Amplifier

Specifications

Parameter				
Operating wavelength(nm)	633	830,850	980	1064
Operating bandwidth(nm)	±15			
Coupling ratio (%)	1/99 ~ 50/50			
Typical excess loss (dB)	SM600	HI780C	HI1060flex	
Typical excess Loss(dB)	0.7	0.4	0.2	
Operating temperature (℃)	-40 ~+85			
Configuration	1×2 or 2×2			
Directivity (dB)	≥55			
Operating temperature (℃)	-40 ~ +85			

Package Dimensions

Configuration			
Fiber length	1m, others on request		
Pigtail type	250μm bare fiber	900μm loose tube	2mm/3mm loose tube
Dimensions(mm)	φ3.0×54	Φ3.0×54	90×14×8.5



Ordering Information

	Grade	Port	Wavelength	Coupling Ratio	Pigtail	Fiber	Length	Connector	Package
SSC	A=A	1x2	633	1/99	0=250um	SM600	1m	FC,SC,LC,	3x54
	Grade	2x2	780	2/98	bare fiber	HI780C		ST,MU/UP	90x14x8.5
	P=P		830	3/97	1=900um	HI1060fl		C,AP	
	Grade		850		loose tube	ex		C	
			980	50/50	2=2mm				
			1064		loose tube				
					3=3mm				
					loose tube				

<http://www.lptechical.com>