

(2+1)x1 Polarization-maintaining Pump Beam Buncher

Features

High efficiency Transfer rate
 Custom configurations are available
 Excellent environmental stability

Application

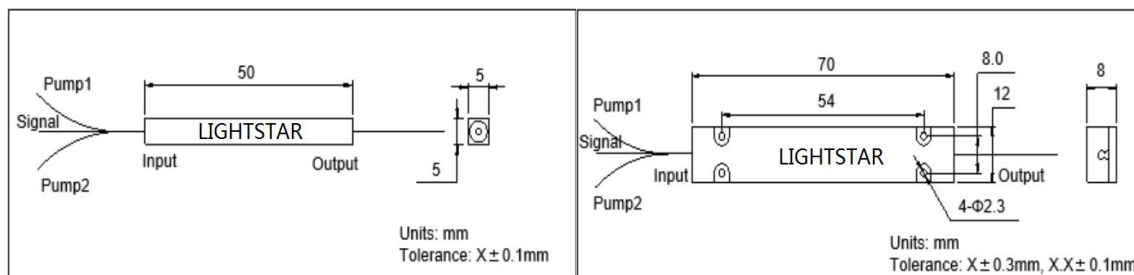
High power fiber laser
 Optical fiber amplifier

Specifications

Parameter	Unit	Value		
port configuration		(1+1)x1 or (2+1)x1		
Pump wavelength	nm	800-1000nm		
Signal wavelength	nm	1030-1080 or 1450-1600nm		
Signal input optical		X/125	X/250	20/400
Pump optical		MM-S105/125-22A	105/125 or 200/220,0.22NA	
Signal output optical		Y/125 or Y/250	Y/250	20/400
Pump rate	%	>90	>93	>95
Signal Insertion loss	dB	≤0.5		
Maximum power/ Per pump	W	≤50	≤100	≤200
Polarization Extinction ratio	dB	≥18(PM Fiber Type)		
Return loss	dB	>45		
Package dimensions	mm	D1, D2,D3, D4,D5, D6, D7 or Customized		
Operating temperature	°C	-5~+70		
Storage temperature	°C	-40~+85		

When using the Connector, the processing power is only 1W, the Insertion loss is 0.3dB higher, the return loss is 5dB lower, and the extinction ratio is 2dB lower. The Connector key is aligned with the slow axis.

Package dimensions



Ordering information

MPC-①①①-②②②-③③③-④④④-⑤-⑥-⑦-⑧⑧

①①①:Port configuration
 111=(1+1)x1
 211=(2+1)x1
 SSS=Specify

②②②:Input fiber type
 003=PM980
 018=PLMA-GDF-10/125-M
 SSS=Specify

③③③:Pump fiber type
 009=MM-S105/125-22A
 013=MM-S200/220-22A
 SSS=Specify

④④④:Output fiber type
 018=PLMA-GDF-10/125-M
 024=PLMA-GDF-25/250-M
 SSS=Specify

⑤:Package dimensions
 B=100x15x10mm
 S=Specify

⑥:Pigtail type
 1=250um bare fiber
 2=900um loose tube
 S=Specify

⑦:Length
 E=0.8m
 1= 1.0m
 S=Specify

⑧⑧:Power/Signal
 05=5W
 10=10W
 AA=100W
 BB=200W,
 SS=Specify