

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

Features

High transfer efficiency rate
Custom configuration
High stability

Application

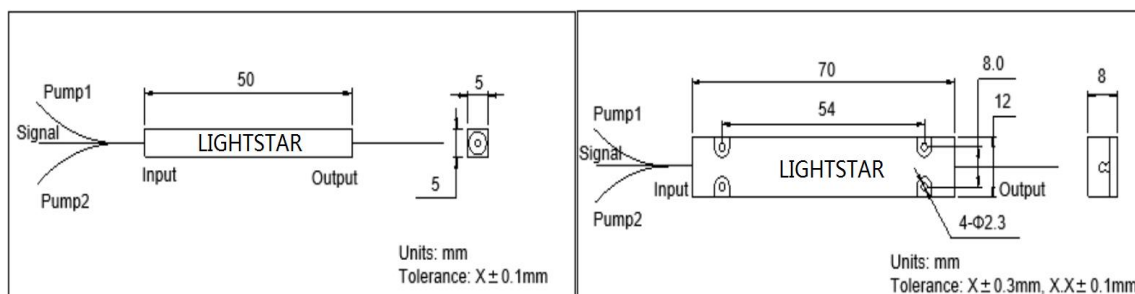
Fiber laser
Optical fiber amplifier

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

⑤:Package dimensions
B=100x15x10mm
S=Specify

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

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

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

⑦:Length
E=0.8m
1= 1.0m
S=Specify

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

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