

(6+1)x1 Polarization-maintaining Pump Beam Buncher

Features

High efficiency transfer rate
Custom configurations are available
Excellent environmental stability

Application

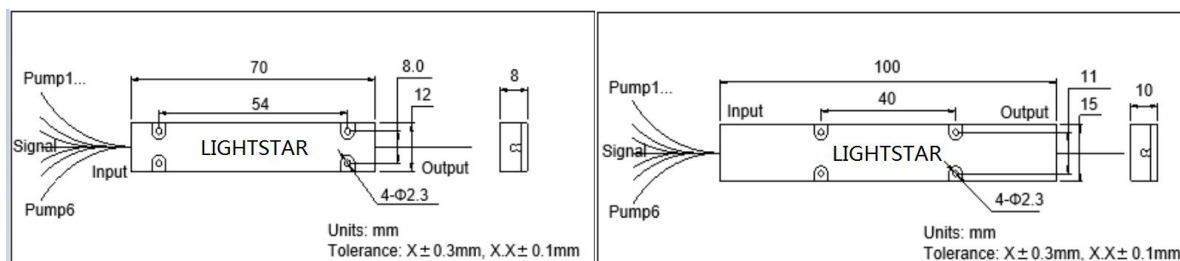
High power fiber laser
Optical fiber amplifier

Specifications

Parameter	Unit	Value			
Port configuration		(6+1)x1			
Pump wavelength	nm	800-1000nm			
Signal wavelength	nm	1030-1080 or 1450-1600nm			
Input signal optical		X/125		X/125, X/250 or 20/400	
Pump optical		105/125,0.22NA		105/125 or 200/220,0.22NA	
Output signal optical		Y/125	Y/250	Y/250	20/400
Pump rate	%	>90	>93	>95	
Signal Insertion loss	dB	≤0.7(Typ.0.5)			
Maximum power/ Pump reversals per minute	W	≤50	≤100	≤200	
Extinction ratio	dB	≥18(PM Fiber Type)			
return loss	dB	>45			
Package dimensions	mm	D6, D7 or Customized			
Operating temperature	℃	-5~+70			
Storage temperature	℃	-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

611=(6+1) × 1

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