

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

Features

- High efficiency transfer rate
- Custom configurations are available
- Excellent environmental stability

Application

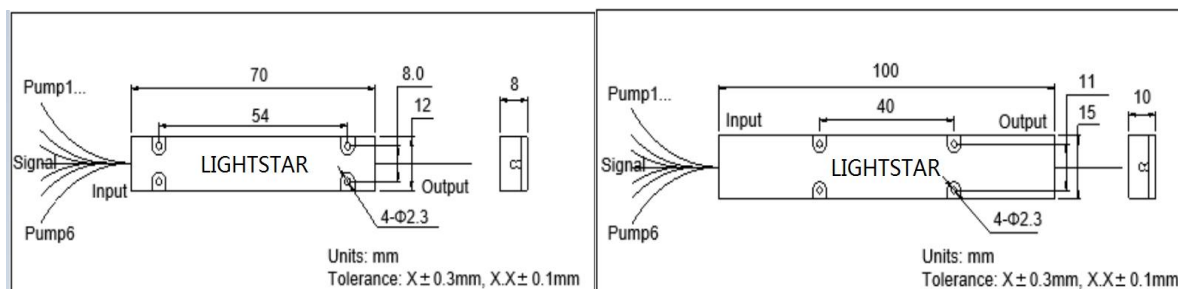
- High power fiber laser
- Optical fiber amplifier

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	°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
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