

Collimator+Beam Buncher

Features

- High extinction ratio
- Optical beam quality is good
- High stability

Application

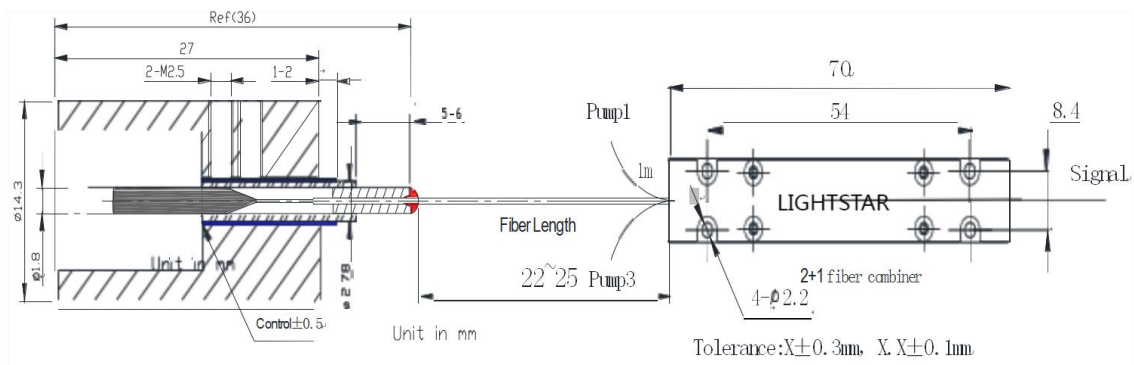
Ultra fast laser

Specifications

Parameter	Unit	Value
Central wavelength	nm	1064
Bandwidth	nm	±20
Working distance	mm	150 or Specify
Maximum transfer rate	-	88%
Minimum transfer rate	-	85%
Maximum beam divergence angle(Full Angle)	mrاد	2.4
Minimum ellipticity of optical patch	-	95%
M ² degeneration	-	< 10%
Minimum return loss	dB	50
Minimum extinction ratio	dB	15
Power(CW)	W	100 (peak power 100kW (10ns) Max Cladding power: 2W)
Maximum tensile load	N	5
Operating temperature	℃	-5 to +70
Storage temperature	℃	-40 to +85

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

Package dimensions



Ordering information

LCHPMC-①①①①-②-③③③-④④④-⑤⑤-⑥-⑦-⑧

①①①①:Wavelength
1064=1064nm
SSSS=Specify

②:Working distance
B=150mm
S=Specify

③③③: Pump fiber type
01=MM110/125 NA0.22
SSS=Specify

④④④:Signal fiber type
125=PM DCF25/250
SSS=Specify

⑤⑤:Power
AA=100W
SS=Specify

⑥: Pump optical length
 $l = 1.0\text{m}$
 $S = \text{Specify}$

⑦: Collimator optical length
1=0.25m
2=3.3m
S=Specify

⑧:Encapsulated type
O=14.3*36+70mm
S=Specify