

Collimator+Beam Combiner

Features

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

Application

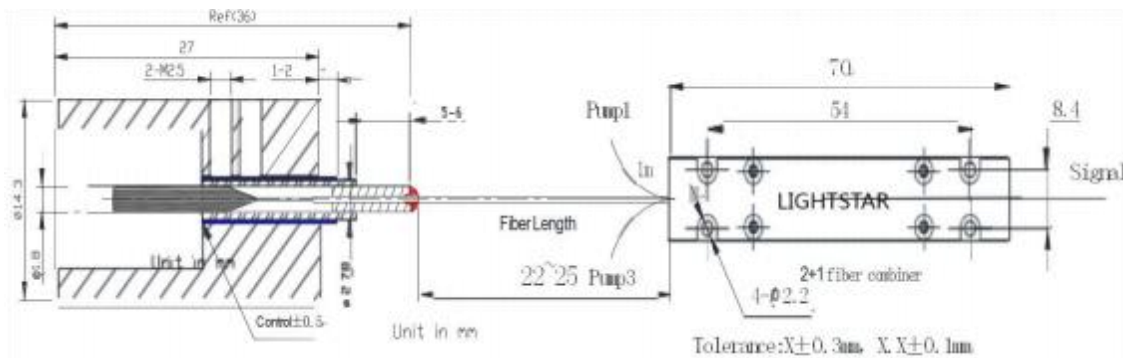
Ultra fast laser

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)	mrad	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	°C	-5 to +70
Storage temperature	°C	-40 to +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

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
1=1.0m
S=Specify

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

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