

High Power Collimator

Features

High extinction ratio
High reliability
High power

Application

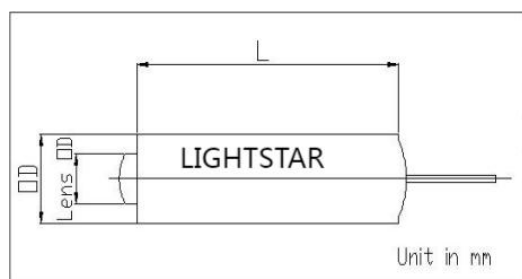
Fiber laser
Isolator、Circulator
FWDM

Specifications

| Parameter | Value | | | |
|--|---------------------------|--|-------|-------|
| Operating wavelength(nm) | 1550, 1480, 1450, 1310 | 1064, 1030, 980 | 850 | 780 |
| Bandwidth(nm) | ±30 | ±20 | ±20 | ±20 |
| Working distance(mm) | 05, 10, 20, 30, 40, 50 | | | |
| Minimum insertion loss (dB) | 0.20 | 0.25 | 0.30 | 0.35 |
| Insertion loss (dB) | ≤0.30 | ≤0.35 | ≤0.45 | ≤0.50 |
| Return loss(dB) | ≥60 | ≥60 | ≥60 | ≥60 |
| Transfer power(W) | 1, 2, 3, 5, 10 or Specify | | | |
| Fiber type (Panda fiber) | SMF 28e Ultra | Hi 1060 | Hi780 | Hi780 |
| P a c k a g e d i m e n s i o n s (m m) | 1.8(OD) Lens | 3.2x10 Metal holder (P1) or 2.78x8.0 Glass tube (P2) | | |
| | 1.0(OD) Lens | 1.8x7 Metal holder (P3) or 1.4x 7 Glass tube (P4) | | |
| 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

HCOL-①①①①-②-③-④-⑤-⑥-⑦⑦-⑧-⑨-⑩

①①①①:Wavelength

0780=780nm
0850=850nm
SSSS=Specify

②: Lens type

C=C Lens
G=G Lens

③: Working distance

1=5mm
2=10mm
S=Specify

④: Package dimensions

7=P1(3.2x10)
8=P2(2.78x9)
S=Specify

⑤: Port type

S=Single fiber
D=Dual fiber

⑥: Core spacing

N=N/A(only for Single Fiber)
0= 125um(E type)
1= 143um(E type)
S=Specify

⑦⑦: Power

1=1W
2=2W
SS=Specify

⑧: Pigtail type

1=250um bare fiber
2=900um loose tube
S=Specify

⑨: Length

H=0.5m
1= 1.0m
S=Specify

⑩: Connector

0=None
1=FC/UPC
2=FC/APC
S=Specify