

Polarization-maintaining Collimator

Features

High extinction ratio
High reliability

Application

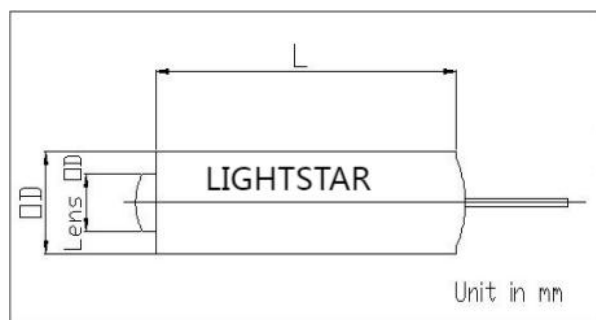
Fiber laser
Isolator、Circulator
FWDM

Specifications

Parameter		Value			
Operating wavelength(nm)		1550,1480,1450,1310	1064, 1030,980	850	780
Bandwidth(nm)		±30	±20	±20	±20
Working distance(mm)		05,10,20,50,60			
Minimum insertion loss(dB)		0.20	0.25	0.30	0.35
Insertion loss(dB)		≤0.25	≤0.35	≤0.50	≤0.65
Extinction ratio(dB)		≥23	≥23	≥22	≥22
Return loss(dB)		≥60	≥60	≥60	≥60
Transfer power(mW)		≤500	≤300	≤300	≤300
Fiber type (Panda fiber)		PM1550 or PM1310	PM980	PM850	PM850
Package dimensions(mm)	1.8(OD) Lens	3.2x10 SUS304 or SUS304-Au Gold (P1) ; 2.78x9.0 Glass tube(P2);			
	1.0(OD) Lens	1.8x7mm or 2.4x10mm SUS304 or SUS304-Au Gold (P3); 1.4x 7mm 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

PMC-①①①①-②-③-④-⑤-⑥-⑦-⑧-⑨

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

⑦:Pigtail type
1=250um bare fiber
2=900um loose tube
S=Specify

⑧:Length
H=0.5m
1= 1.0m
S=Specify

⑨:Connector
0=None
1=FC/UPC
2=FC/APC
S=Specify