

Spec Review No.: SR2003002A

Date: Mar. 03, 2020

Customer:

Customer P/N:

Description: High Power Polarization Maintaining
Isolator

Optizone P/N: HPMI-51-C40-0.3-F-NN-LL-1

Specifications

Parameters	Unit	Values
CenterWavelength(λ_c)	nm	518 or Specify
OperatingWavelengthRange	nm	± 5
Typ. Peak Isolation	dB	30~35
Min. Isolation at 23℃	dB	25
Typ. Insertion Loss at 23℃	dB	1.5
Max. Insertion Loss at 23℃	dB	1.8
Min. Return Loss (Input/Output)	dB	50/50
Min. Extinction Ratio	dB	18 (only for B-Type), 20 (only for F-Type)
Polarization Dependent Loss	dB	Max. 0.15 (only for B-Type), Min. 20 (only for F-Type)
Max. Optical Power (CW)	mW	300 or Specify
Max. Tensile Load	N	5
Fiber Type	-	PM460 Panda Fiber
Operating Temperature (Non-Condense)	℃	0 to +70
Storage Temperature (Non-Condense)	℃	-20 to +85

*Above specifications are for device without connector.

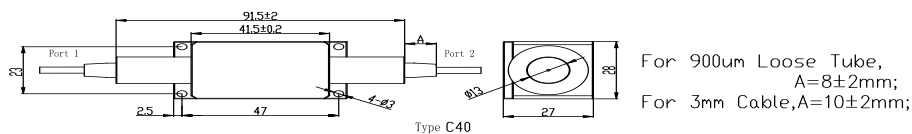
*For devices with connectors, IL will be 1.5dB higher, RL will be 5dB lower, ER will be 2dB lower

*For F type, fast axis is blocked, the input must be Linear polarized light, and the input polarization must be aligned properly.

*The actual package dimensions may be slightly different from that shown in below drawing, for accurate dimensions please contact Optizone.

*The material must be RoHS compliant.

Package Dimensions



Ordering Information

HPMI-①①-②②-③③-④④-⑤⑤-⑥⑥-⑦⑦

①①: Wavelength

51 - 518nm

SS - Specify

④④: Axis Alignment

B - Both Axis Working

F - Fast Axis Blocked

⑥⑥: Fiber Jacket on Port 1 & 2

B - Bare Fiber

L - 900um Loose Tube

C - 3mm Loose Cable

S - Specify

②②: Package Type

C40 - Type C40

⑤⑤: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑦⑦: Fiber Length

1 - 1.0m

S - Specify

③③: Handling Power

0.3 - 300mW

S - Specify