



Specification Review Data Sheet

Spec Evaluation No.: SE1208002B

Date: Jan. 22, 2013

Customer:

Customer P/N:

Description: Polarization Maintaining Isolator, 1064nm

Optizone P/N: HPMI-06-A43-01-S-F-NN-LL-1

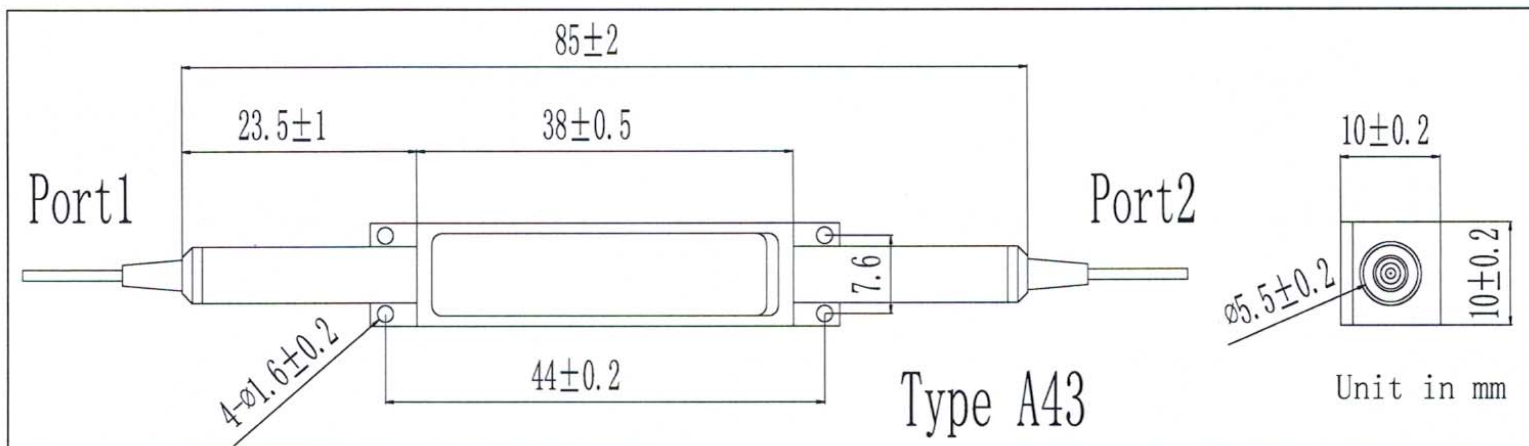
Specifications

Parameters	Unit	Values
Center Wavelength	nm	1064
Operating Wavelength Range	nm	± 5
Typ. Peak Isolation	dB	30
Min. Isolation at 23°C	dB	25
Typ. Insertion Loss at 23°C	dB	1.6
Max. Insertion Loss at -5°C to 50°C	dB	2.2
Min. Return Loss (Input/Output)	dB	50/50
Min. ER at 23°C (F-Type)	dB	22
Min. ER at 23°C (B-Type)	dB	20
Max. Optical Power (CW)	W	1.0 or specify
Max. Tensile Load	N	5
Fiber Type		PM Panda Fiber or LMA Fiber
Operating Temperature	°C	-5 to +50
Storage Temperature	°C	-20 to +75

*Above specifications are for device without connector.

*For devices with connectors, IL will be 0.3dB higher, ER will be 2dB lower and RL will be 5dB lower.

*The PM fiber and connector key are aligned to the slow axis.



Ordering Information

HPMI-①①-②③-④⑤-⑥⑥-⑦⑦-⑧⑧

①①: Wavelength
06 - 1064nm

②: Type
A43 - Type A43

③: Handling Power
01 - 1 W
S - Specify

④: Stage
S - Single Stage

⑤: Axis Alignment
F - Fast Axis Blocked
B - Both Axis Working

⑥⑥: Connector Type on Port 1 & 2
1 - FC/UPC
2 - FC/APC
3 - SC/UPC
4 - SC/APC
N - None
S - Specify

⑦⑦: Fiber Jacket on Port 1 & 2
B - 250um Bare Fiber
L - 900um Loose Tube
S - Specify

⑧⑧: Fiber Length
1 - 1.0m
S - Specify