



Specification Review Data Sheet

Spec Review No.: SR1210004A

Date: October 12, 2012

Customer:

Customer P/N:

Description: High Power PM Broadband Isolator

Optizone P/N: HPMBI-85-C40-0.5-F-NN-LL-1

Specifications

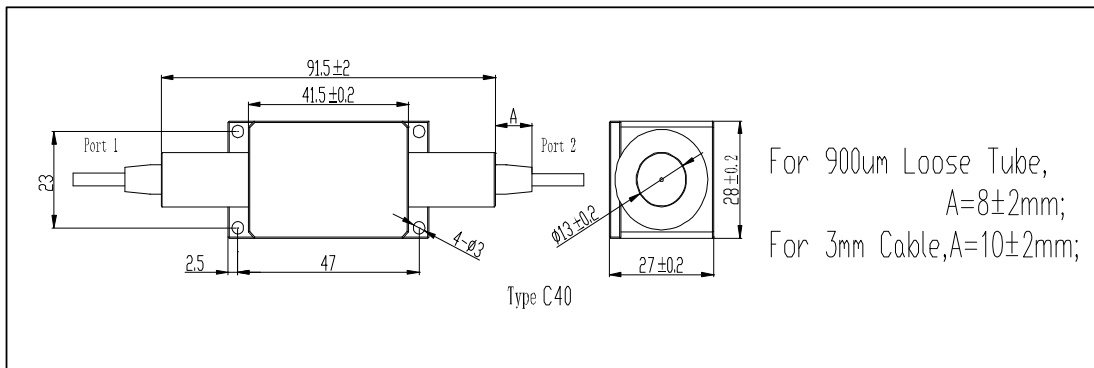
Parameters	Unit	Values
Center Wavelength (λ_c)	nm	850
Operating Wavelength Range	nm	± 50
Min. ER	dB	20
Typ. Isolation	dB	28~32
Min. Isolation at 23°C	dB	23
Typ. Insertion Loss at 23°C, λ_c	dB	1.0
Max. Insertion Loss at 23°C	dB	1.3 @ 850+/-30nm, 1.7 @ 850+/-40nm, 2.0 @ 850+/-50nm
Min. Return Loss (input/output)	dB	50/50
Max. Optical Power (CW)	W	0.3 , 0.5 or specify
Max. Tensile Load	N	5
Fiber Type		PM 850 Panda Fiber
Operating Temperature	°C	0 to +60
Storage Temperature	°C	-20 to +75

*Above specifications are for device without connector.

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

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

Package Dimensions



Ordering Information

HPMBI-①①-②-③-④-⑤⑤-⑥⑥-⑦

①①: Wavelength

85 - 850nm

SS - Specify

②: Package Type

C40 - Type C40

③: Handling Power

0.3 - 300mW

0.5 - 500mW

④: Axis Alignment

B - Both Axis Working

F - Fast Axis Blocked

⑤⑤: Connector Type on Port 1 & 2

1 - FC/UPC

2 - FC/APC

3 - SC/UPC

4 - SC/APC

N - None

S - Specify

⑥⑥: Fiber Jacket on Port 1 & 2

B - 250um Bare Fiber

L - 900um Loose Tube

S - Specify

⑦: Fiber Length

1 - 1.0m

S - Specify