CHAPTERS

Optical Elements

Polarization Optics

Optical Isolators

Optical Systems

Optics Kits

SECTIONS

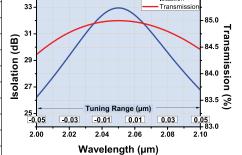
Overview

Isolators

Free-Space

2050 nm Adjustable Narrowband, 1.2 W

ITEM #	IO-4-2050-VLP		
Туре	Adjustable Narrowband		
Center Wavelength	2050 nm		
Tuning Range	2000 - 2100 nm		
Operating Range	2000 - 2100 nm		
Transmission	85%		
Typ. Isolation (Min)	33 dB (28 dB)		
Max Beam Diameter	3.6 mm		
Optical Axis Height*	0.75"		
Max Power	1.2 W		
Max Power Density	25 W/cm ²		
Isolator OD x L**	Ø0.87" x 0.60"		



IO-4-2050-VLP

Isolation



IO-4-2050-VLP 1.50" x 1.50" Base

^{**}OD of main isolator housing, L = total length of the isolator

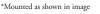
ITEM #	\$	£	€	RMB	DESCRIPTION
IO-4-2050-VLP	\$ 1,500.00	£ 1,080.00	€ 1.305,00	¥ 11,955.00	2050 nm Adjustable Narrowband Isolator, 1.2 W (Max) Power

Shaded region indicates

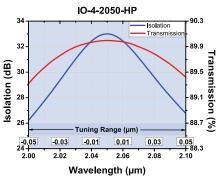
tuning range of isolator.

2050 nm Adjustable Narrowband, 25 W

ITEM #	IO-4-2050-HP
Туре	Adjustable Narrowband
Center Wavelength	2050 nm
Tuning Range	2000 - 2100 nm
Operating Range	2000 - 2100 nm
Transmission	90%
Typ. Isolation (Min)	33 dB (28 dB)
Max Beam Diameter	3.8 mm
Optical Axis Height*	0.88"
Max Power	25 W
Max Power Density	250 W/cm ²
Isolator OD x L**	Ø1.20" x 2.76"



^{**}OD of main isolator housing, L = total length of the isolator



Shaded region indicates tuning range of isolator.



ITEM #	\$	£	€	RMB	DESCRIPTION
IO-4-2050-HP	\$ 4,235.00	£ 3,049.20	€ 3.684,45	¥ 33,752.95	2050 nm Adjustable Narrowband Isolator, 25 W (Max) Power

Have you seen our...

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SM1RC Slip Ring

Many of our isolators feature new, compact designs that are compatible with the SM1RC post-mountable slip ring, as well as the SM1TC drop-in clamp, making our isolators more versatile than ever. Look for the icon throughout the isolator presentation to identify our SM1RC-compatible isolators, or see the list below:

- ◆ IO-5-405-LP
 - ◆ IO-3-780-HP
- ◆ IO-3-1064-HP

- ◆ IO-3-532-LP
- ◆ IO-5-780-HP

- ◆ IO-3-1064-VHP

- ◆ IO-5-532-HP
- ◆ IO-3-850-HP

- ◆ IO-5-1550-HP

- ◆ IO-3-633-LP
- ◆ IO-5-850-HP
- ◆ IO-4-2050-HP

- ◆ IO-5-633-PBS
- ◆ IO-5-980-HP

^{*}Mounted as shown in image