

For current pricing, please see our website.

CHAPTERS

Optical Elements

Polarization Optics

Optical Isolators

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SECTIONS

Overview

Free-Space Isolators

Compatible with...

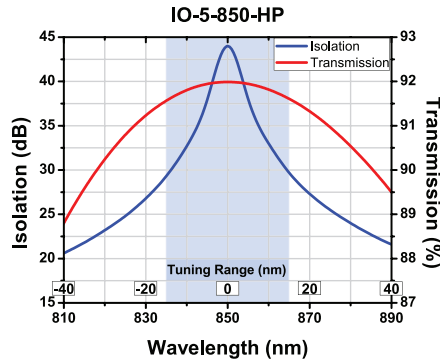
SM1RC Slip Ring
(Where Indicated)



See Page 139

850 nm Adjustable Narrowband, 40 W

ITEM #	IO-5-850-HP
Type	Adjustable Narrowband
Center Wavelength	850 nm
Tuning Range	835 - 865 nm
Operating Range	810 - 890 nm
Transmission	92%
Typ. Isolation (Min)	44 dB (38 dB)
Max Beam Diameter	4.7 mm
Optical Axis Height*	0.88"
Max Power	40 W
Max Power Density	500 W/cm ²
Isolator OD x L**	Ø1.20" x 3.76"



COMPATIBLE WITH SM1RC



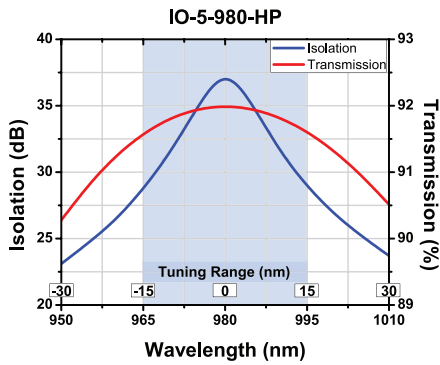
IO-5-850-HP

*Mounted as shown in image
**OD of main isolator housing, L = total length of the isolator

ITEM #	\$	£	€	RMB	DESCRIPTION
IO-5-850-HP	\$ 2,150.00	£ 1,548.00	€ 1,870.50	¥ 17,135.50	850 nm Adjustable Narrowband Isolator, 40 W (Max) Power

980 nm Adjustable Narrowband, 40 W

ITEM #	IO-5-980-HP
Type	Adjustable Narrowband
Center Wavelength	980 nm
Tuning Range	965 - 995 nm
Operating Range	950 - 1010 nm
Transmission	93%
Typ. Isolation (Min)	44 dB (38 dB)
Max Beam Diameter	4.8 mm
Optical Axis Height*	0.88"
Max Power	40 W
Max Power Density	500 W/cm ²
Isolator OD x L**	Ø1.20" x 4.26"



COMPATIBLE WITH SM1RC



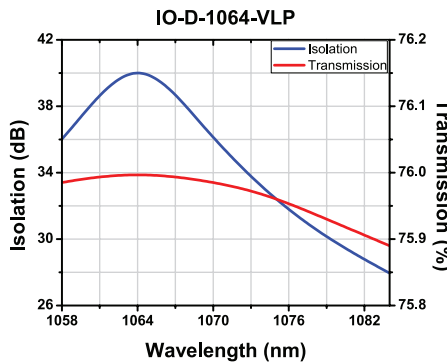
IO-5-980-HP

*Mounted as shown in image
**OD of main isolator housing, L = total length of the isolator

ITEM #	\$	£	€	RMB	DESCRIPTION
IO-5-980-HP	\$ 2,700.00	£ 1,944.00	€ 2,349.00	¥ 21,519.00	980 nm Adjustable Narrowband Isolator, 40 W (Max) Power

1064 nm Fixed Narrowband, 0.2 W

ITEM #	IO-D-1064-VLP
Type	Fixed Narrowband
Center Wavelength	1064 nm
Tuning Range	N/A
Operating Range	1058 - 1084 nm
Transmission	76%
Typ. Isolation (Min)	40 dB (36 dB)
Max Beam Diameter	1.6 mm
Optical Axis Height*	0.11"
Max Power	0.2 W
Max Power Density	10 W/cm ²
Isolator OD x L**	Ø0.22" x 0.19"



IO-D-1064-VLP

*Mounted as shown in image
**OD of main isolator housing, L = total length of the isolator

ITEM #	\$	£	€	RMB	DESCRIPTION
IO-D-1064-VLP	\$ 450.00	£ 324.00	€ 391.50	¥ 3,586.50	1064 nm Fixed Narrowband Isolator, 0.2 W (Max) Power