

895 nm, 2 W Broadband Fiber Isolators (SM)



NEW
product



IO-F-SLD150-895

The IO-F-SLD150-895 Polarization-Independent Broadband Fiber Isolator is specifically designed for use with superluminescent diodes (SLDs). This particular model offers high isolation in the 820 to 970 nm range. Although fiber isolators exist with higher isolation at this central wavelength, they suffer from large isolation drops (>10 dB) when operated outside the designed wavelength range. In contrast, the isolation performance of the IO-F-SLD150-895 isolator is fairly flat up to 75 nm from the center wavelength, making this isolator an ideal choice for use with SLDs.

Specifications

- **Wavelength:** 895 ± 75 nm
- **Power:*** 2 W CW (Max)
- **Isolation:**** 23-32 dB
- **Insertion Loss:** 1.4-2.1 dB
- **PDL:** ≤0.25 dB
- **Return Loss:** >52 dB
- **Fiber:** 780HP

*Specified power rating is for the isolator. Proper laser termination is critical.

**Isolation is both wavelength and temperature dependent (not for use in pulsed laser applications)

ITEM#	\$	£	€	RMB	CONNECTORS	DESCRIPTION
IO-F-SLD150-895	\$ 1,975.00	£ 1,369.00	€ 1,753.50	¥ 16,677.00	Cleaved	Fiber Isolator for SLED 820-970 nm

920 nm, 2 W Broadband Fiber Isolators (SM)

Specifications

- **Wavelength:** 920 ± 50 nm
- **Power:*** 2 W CW (Max)
- **Isolation:**** 25-32 dB
- **Insertion Loss:** 1.0-1.6 dB
- **PDL:** ≤0.25 dB
- **Return Loss:** >52 dB
- **Fiber:** 780HP

*Specified power rating is for the isolator. Proper laser termination is critical.

**Isolation is both wavelength and temperature dependent (not for use in pulsed laser applications)

The IO-F-SLD100-920 Polarization-Independent Broadband Fiber Isolator is specifically designed for use with superluminescent diodes (SLDs). This particular model offers high isolation in the 870 to 970 nm range. Although fiber isolators exist with higher isolation at this central wavelength, they suffer from large isolation drops (>10 dB) as the wavelength is detuned. In contrast, the isolation performance of the IO-F-SLD100-920 isolator is fairly flat for ±50 nm detunings, making it an ideal choice for use with SLDs.

NEW
product



IO-F-SLD100-920

ITEM#	\$	£	€	RMB	CONNECTORS	DESCRIPTION
IO-F-SLD100-920	\$ 1,900.00	£ 1,317.00	€ 1,687.00	¥ 16,044.00	Cleaved	Fiber Isolator for SLED 870 - 970 nm

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2-Channel Benchtop Power and Energy Meter



Digital Power and Energy Meter

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