

ISD-1.6 Si

<http://www.gigahertz-optik.de/en-us/product/ISD-1.6-Si>

Product tags:



Description

ISD-1.6-Si and ISD-1.6-Si-FC: 16mm Ø Integrating Sphere Detector for Laser Power Compact Size Integrating Sphere Detector

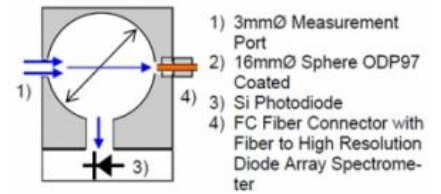
The ISD-1.6-Si integrating sphere detector employs a 16 mm diameter Barium Sulfate (ODP97) coated integrating sphere with 3mm measurement port and a Silicon photodiode.



Direct Irradiation of Fiber Connector

The ISD-1.6-Si-FC is designed for applications where both the power and spectral distribution of Laser diodes must be measured. High resolution spectrometers are needed to measure the narrow spectra Laser diodes so the FC fiber connector is placed opposite the measurement port of the integrating sphere to allow direct irradiation of the fiber for maximum radiation input to the spectrometer.

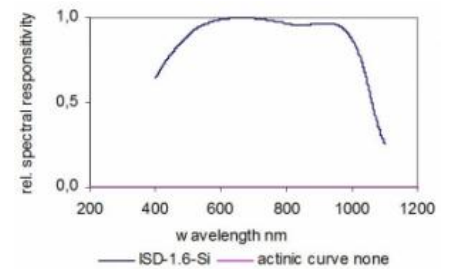
FC Fiber Connector at the Sphere Back Side



Traceable Calibrations

Calibration of spectral radiant power sensitivity in W is performed at Gigahertz-Optik's Calibration Laboratory for Optical Radiation Quantities

ISD-1.6-Si-FC Principal Design



ISD-1.6-Si Typical Spectral Responsivity

Configurable with

Produktname	Product Image	Description	Show product
P-9710		High-quality device for measurement of CW-, single pulse and modulated radiation. Features: Optometer for all detector heads with calibration data plug. Measurement modes: CW, pulse energy, dose, peak-to-peak, effective luminous intensity (Blondel-Rey), data logger, battery, main power, RS232	http://www.gigahertz-optik.de/en-us/product/P-9710

Produktname	Product Image	Description	Show product
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Purchasing information

Article-Nr	Modell	Description
Product		
	ISD-1.6 Si	Integrating sphere detector