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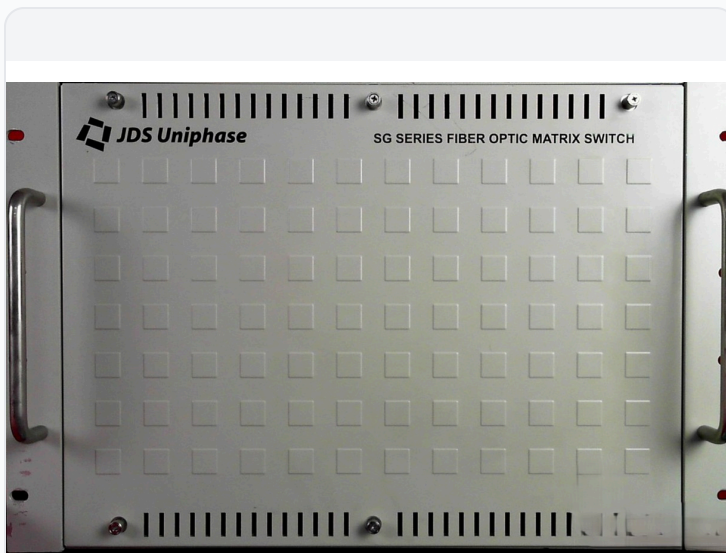
Data Sheet

August 15, 2026

JDS UNIPHASE

JDS Uniphase SG

Queue model SG is a JDS Uniphase JDS Uniphase SG optical catalog unit. JDSU / Viavi SG optical catalog line context is host-family documentation, not a substitute for this SKU drawing. Exact ratings are on the SG nameplate and drawing. Applications optical test or switching in JDSU catalogs that specify SG in systems that specify SG. Instrument Type: JDS Uniphase SG optical catalog unit Literature: remaining-queue listing JDS Uniphase SG Instrument Type: JDS Uniphase SG optical catalog unit Literature: remaining-queue listing JDS Uniphase SG Family: JDSU / Viavi SG optical catalog line System Role: optical test or switching in JDSU catalogs that specify SG



MODEL

JDS Uniphase SG

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

SG

LISTING

<https://aumictechlabs.com/products/sg-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase SG is a signal generation module engineered for integration into larger test and measurement systems. It delivers stable, accurate signal sourcing across telecommunications and research applications. The compact modular design supports remote control via standard interfaces while maintaining reliable performance in demanding measurement environments. Technical Specifications The SG series encompasses signal generation and optical matrix switching architectures. Standard signal generator configurations operate across a frequency range of 10 to 3000 MHz with output levels from -20 to +12 dBm and frequency setting resolution of 1 Hz. Frequency stability and aging characteristics are specified, with phase noise performance

defined at multiple offset frequencies. Optical matrix switch variants feature expanded beam technology with precision stepper-motor alignment. Wavelength operation spans 1270 to 1670 nm for 3U height configurations supporting up to 8×8 optical channels, with extended architectures capable of 64 total inputs and outputs. These switches are characterized by low insertion loss across the operational bandwidth. Key Features Modular form factor for system integration into larger architectures RS232 and GPIB control interfaces for remote command and monitoring LabVIEW drivers available for programmatic control Optical matrix variants leverage expanded beam switching with motorized channel alignment Frequency setting resolution of 1 Hz Defined frequency stability and aging specifications Phase noise performance across multiple offset frequencies Typical Applications Broadband fiber network reconfiguration Data communication and multimedia network testing Optical channel switching and signal routing Telecommunications system validation Research and development measurement campaigns Compatibility & Integration The module integrates into larger test platforms via RS232 and GPIB command interfaces. Optical variants accept standard fiber connections consistent with telecommunications infrastructure. System-level compatibility depends on integration architecture and available interface support.

SG Characteristics / Specifications

PARAMETER	VALUE
Model	SG
Instrument Type	JDS Uniphase SG optical catalog unit
Manufacturer	JDS Uniphase
Literature	remaining-queue listing JDS Uniphase SG
Family	JDSU / Viavi SG optical catalog line
Form Factor	as installed per drawing
System Role	optical test or switching in JDSU catalogs that specify SG
Brand Lineage	JDS Uniphase
Queue Title	JDS Uniphase SG
Documentation Type	OEM remaining-queue listing
Use Case	optical test or switching in JDSU catalogs that specify SG
Vendor Path	JDS Uniphase
Year Class	SG generation
Application Class	JDS Uniphase SG optical catalog unit
Module Class	JDS Uniphase SG optical catalog unit
Host Class	host on the drawing
Connector Class	connectors on the drawing
Ate Class	industrial / lab ATE class
Control Class	front panel / firmware on the drawing
Environment Class	ambient on the nameplate
Voltage Class	volts on the nameplate
Current Class	amperes on the nameplate
Config	SG remaining-queue suffix
Function Class	function on the drawing
Optical Role	SG catalog unit

PARAMETER	VALUE
Lineage	JDS Uniphase / Viavi

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Function Class	function on the drawing
Optical Role	SG catalog unit
Lineage	JDS Uniphase / Viavi

Notes

From remaining-queue title (JDS Uniphase SG). Function and numeric limits are on the SG faceplate.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.