

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 8, 2026

JDS UNIPHASE/JDSU

JDS Uniphase TB9 JDSU TB9226-Z-FP Tunable Grating Filter 1460-1570nm

JDS Uniphase/JDSU Optical Attenuators. Bandwidth: 0.22 nm, Bandwidth: 0.6 nm, Resolution: 0.01 nm.



MODEL

**JDS
Uniphase/JDSU
TB9226-Z-FP**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

TB9226-Z-FP

LISTING

<https://aumictechlabs.com/products/tb9226-z-fp-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase TB9226-Z-FP is a tunable grating filter engineered for precise wavelength selection across the C and L optical bands. Operating from 1460–1575 nm with optimized performance in the 1530–1570 nm window, it delivers the narrow linewidth and high spectral rejection required for demanding laboratory and production test environments. This instrument excels at ASE filtering in erbium-doped fiber amplifiers and suppression of spontaneous emission from DFB and tunable laser sources during component characterization.

Technical Specifications
Wavelength Range: 1460–1575 nm tuning; 1530–1570 nm optimized operation; 1525–1625 nm C+L-band coverage -3 dB Bandwidth: 0.22 nm -20 dB Bandwidth: 0.6 nm Insertion Loss: <7.0 dB Polarization Dependent Loss (PDL): 45 dB Wavelength Resolution: 0.01 nm Repeatability: 0.05 nm Optical Connectors: FC/PC bulkhead (front panel) Warm-up Time: 1 hour

Key Features Tunable

grating architecture with single and double-pass grating configurations for high spectral rejection
Three independent control paths: front-panel keypad, GPIB (IEEE 488), and RS232 <0.05 nm
wavelength repeatability ensures stable, reproducible measurements Low PDL (45 dB) minimizes
reflection artifactsTypical Applications Amplified spontaneous emission (ASE) filtering in EDFA
chains Spontaneous emission rejection from DFB and tunable laser sources Wavelength-selective
component measurements in single-mode fiber systems WDM and DWDM component validation
production test of fiber-optic subsystemsCompatibility & Integration FC/PC optical connectors on
the front panel accept standard single-mode fiber patch cords. Remote control via GPIB or RS232
enables integration into automated test racks and production environments.

Features & description

From manufacturer datasheet

Features

- Model: TB9226 – –3 dB BW 0.22 nm; –20 dB BW 0.6 nm ($\pm 15\%$) • Tuning: 1460–1570 nm (listing); usable 1460–1575 nm class for range-1 filters • Resolution: 0.01 nm • IL: ≤ 6.0 dB class (1530–1570 nm, model 226) • Max input: 300 mW standard (1 W with Poption) • Connectors: FC/PC (FP); Z = special/custom configuration—confirm faceplate • Control: front panel; GPIB; RS-232 • Warm-up: 1 hour for rated specifications • High rejection vs Fabry-Perot/interference filters

TB9226ZFP Characteristics / Specifications

PARAMETER	VALUE
Model	TB9226 – –3 dB BW 0.22 nm; –20 dB BW 0.6 nm (±15%)
Manufacturer	JDS Uniphase (JDSU / VIAVI)
Instrument Type	Tunable Grating Filter
Family	TB9 Series
Alias	TB9226-Z-FP; TB9 TB9226-Z-FP Optical 1460–1570 nm; 0.22 nm BW; FC/PC; 0.01 nm resolution Operational Notes Prefer JDS TB9/TB9P grating filter spec sheet. Confirm Z-option meaning on the unit label.
Tuning	1460–1570 nm (listing); usable 1460–1575 nm class for range-1 filters
Resolution	0.01 nm
Max input	300 mW standard (1 W with Poption)
Connectors	FC/PC (FP); Z = special/custom configuration–confirm faceplate
Control	front panel; GPIB; RS-232
Warm-up	1 hour for rated specifications

TB9226ZFP Specifications

PARAMETER	VALUE
Key Features	- Model: TB9226 — -3 dB BW 0.22 nm; -20 dB BW 0.6 nm (±15%)
Technical Specifications	Model: TB9226-Z-FP
Optical	1460–1570 nm; 0.22 nm BW; FC/PC; 0.01 nm resolution
Operational Notes	Prefer JDS TB9/TB9P grating filter spec sheet. Confirm Z-option meaning on the unit label.

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

- High rejection vs Fabry-Perot/interference filters

Technical Specifications

Technical Specifications

PARAMETER	VALUE
Model	TB9226-Z-FP
Manufacturer	JDS Uniphase (JDSU / VIAVI)
Instrument Type	Tunable Grating Filter
Family	TB9 Series
Alias	TB9226-Z-FP; TB9 TB9226-Z-FP

Optical

1460-1570 nm; 0.22 nm BW; FC/PC; 0.01 nm resolution

Operational Notes

Prefer JDS TB9/TB9P grating filter spec sheet. Confirm Z-option meaning on the unit label.

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.