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Data Sheet

August 13, 2026

JDS UNIPHASE

JDS Uniphase N530-0164

The JDS Uniphase N530-0164 is a component for fiber optic systems. This part likely plays a role in signal transmission or processing within optical networks. Its exact function would depend on the specific system it is integrated into.



MODEL

**JDS Uniphase
N530-0164**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N530-0164

LISTING

<https://aumictechlabs.com/products/n530-0164-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The JDS Uniphase N530-0164 is a 10 Gbps optical test module engineered for network validation across multiple protocols and line rates. It delivers PRBS generation, traffic generation up to 128 streams, bit error rate testing, and advanced frame capture with playback capability. The module supports 10 Gigabit Ethernet (LAN/WAN), SONET/SDH, Fibre Channel, GFP, OTU2/ODU2, and Cisco HDLC with optional licensing. With XFP interface connectivity and integration into scalable chassis platforms, the N530-0164 provides complete protocol flexibility and detailed error monitoring for development and production test environments. Technical Specifications Product Type: 10 Gbps Optical Test Module Interface: XFP (default configuration) Line Rate: 9.95328 Gbps (10GigE WAN and OC-192/STM-64 BERT) Clocking: Internal ± 4.6 ppm accuracy; recovered clock support Protocol Support: 10GigE (LAN/WAN), SONET/SDH BERT, 10G Fibre Channel (licensed), GFP (licensed), Cisco HDLC (licensed), OTU2, ODU2 Key Features PRBS generation into STS-192c/VC-4-64c Framed GFP (GFP-F) mapped into OTU2 and GFP mapped into STS-192c/VC-4-

64c Forward Error Correction (FEC) at G.709 ODU2 (10.037 Gbps), OTU2 (10.709 Gbps), 11.049 Gbps, 11.095 Gbps, and 11.270 Gbps Digital Wrapper support Traffic generation: 128 independent streams with VLAN (Q-in-Q), MPLS, IPv4/IPv6, TCP/UDP, and ARP/ICMP encapsulation 64B/66B PCS capture and playback from buffer Error detection: FCS errors, frame length violations, address/control mismatches, abort errors, invalid control sequences, IPv4 checksum errors Real-time statistics: bandwidth (% and Mbps), throughput, latency, frame loss, back-to-back measurements Typical Applications 10G Ethernet network testing and validation SONET/SDH and optical transport network verification Protocol debugging and interoperability testing Traffic generation and stress testing Error rate measurement and characterization Compatibility & Integration The N530-0164 integrates into JDS Uniphase scalable test chassis configurations such as the TS-10 platform, enabling multi-module testing scenarios.

Features & description

From manufacturer datasheet

Features

- Chassis: TestPoint TS-30, 3 slots (commercial or industrial) • Dimensions: 8.75 cm H × 42.5 cm W × 37.5 cm D; ~7.7 kg • Operating: 0–35 °C; 0–85% RH • Hot-swap modules; slot 0 may hold Group Controller or test module • Control: web browser + Java GUI; no dedicated PC software required • Automation: CLI via Telnet/socket/serial; Python/C/TCL/LabVIEW toolkits • Connectivity: 10/100BASE-T LAN; DHCP or static IP; SNTP • Installed cards: N530-0164 Fibre Channel (FC) configuration • Compatible modules: 10G / 1G / Multi-Rate / 40G / Group Controller families • Options: rack-mount kit OPT 0100-03; handle/bumpers OPT 0100-04

N5300164 Key Specifications

PARAMETER	VALUE
Chassis	TestPoint TS-30, 3 slots (commercial or industrial)
Dimensions	8.75 cm H × 42.5 cm W × 37.5 cm D; ~7.7 kg
Operating	0–35 °C; 0–85% RH
Control	web browser + Java GUI; no dedicated PC software required
Automation	CLI via Telnet/socket/serial; Python/C/TCL/LabVIEW toolkits
Connectivity	10/100BASE-T LAN; DHCP or static IP; SNTP
Installed cards	N530-0164 Fibre Channel (FC) configuration
Compatible modules	10G / 1G / Multi-Rate / 40G / Group Controller families
Options	rack-mount kit OPT 0100-03; handle/bumpers OPT 0100-04

N5300164 Characteristics / Specifications

PARAMETER	VALUE
Model	TS-30 with FC Cards N530-0164
Manufacturer	JDSU / Innocor (VIAVI Solutions)
Instrument Type	Modular Protocol Test Chassis with Fibre Channel Cards
Family	TestPoint TS Series
Alias	TS-30 N530-0164; TestPoint TS-30 FC Chassis / Interfaces 3-slot TS-30; LAN GUI/CLI; FC cards N530-0164 Operational Notes Prefer VIAVI/JDSU TestPoint TS-chassis datasheet plus the installed N530-0164 module option sheet for exact FC line rates (1/2/4/8/10GFC class). Confirm faceplate options and optics (SFP/XFP) on the unit.

N5300164 Specifications

PARAMETER	VALUE
Key Features	- Chassis: TestPoint TS-30, 3 slots (commercial or industrial)
Technical Specifications	Model: TS-30 with FC Cards N530-0164
Chassis / Interfaces	3-slot TS-30; LAN GUI/CLI; FC cards N530-0164

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

Specifications

PARAMETER	VALUE
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Manufacturer	JDSU / Innocor (VIAVI Solutions)
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Family	TestPoint TS Series
Alias	TS-30 N530-0164; TestPoint TS-30 FC

Chassis / Interfaces

3-slot TS-30; LAN GUI/CLI; FC cards N530-0164

Operational Notes

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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.