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Data Sheet

August 1, 2026

INNOCOR/JDSU

Innocor JDSU TestPoint TS-10 N550-0228-06, N55-022X

The JDSU TestPoint TS-10 (N550-0228-06, N55-022X) is a portable test chassis engineered for multi-protocol network testing and performance monitoring. This fixed-interface platform delivers 1 Gbps and 10 Gbps capabilities with multi-rate support, addressing Layer 1–3 validation across Ethernet/IP, SONET/SDH, Fibre Channel, and OTN infrastructures. The lightweight design with integrated carry handle enables rapid field deployment, while web-browser GUI access via 10/100BASE-T LAN connection eliminates software installation overhead. Compatibility & Integration The TS-10 chassis integrates with the JDSU TestPoint module ecosystem, supporting flexible configuration of interface types, transmission rates, and protocol stacks across a single platform. PC connectivity via standard 10/100BASE-T Ethernet enables remote management and centralized test automation workflows. Aumictech offers NIST



MODEL

**Innocor/JDSU
N550-0228-06 /
N55-022X**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**N550-0228-06 /
N55-022X**

LISTING

<https://aumictechlabs.com/products/n550-0228-06-n55-022x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

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Technical Specifications

Chassis Configuration: Fixed interface, portable design
Data Rates: 1 Gbps, 10 Gbps, multi-rate capable
Management Interface: 10/100BASE-T LAN with Static IP and DHCP support
Network Time Sync: Simple Network Time Protocol (SNTP) on LAN management port
Control & Monitoring: Web browser GUI with Java plug-in; supports automation

Key Features

- Ethernet/IP testing from 10 Mbps to 10 Gbps with RFC 2544 and ITU-T Y.1564 compliance
- SONET/SDH support from OC-3/STM-1 to OC-192/STM-64
- Fibre Channel testing at 1 Gbps, 2 Gbps, 4 Gbps, 8 Gbps, and 10 Gbps
- OTN network validation up to 11.1 Gbps with FEC and Enhanced FEC (EFEC) support
- Packet capture and analysis for converged Ethernet/IP backhaul
- Service-disruption measurement and path-overhead (POH) capture capabilities

Typical Applications

- Layer 1–3 SLA testing and verification
- 10 Gigabit Ethernet LAN/WAN deployment validation
- SONET/SDH network commissioning and troubleshooting
- Fibre Channel infrastructure performance analysis
- OTN service activation at rates including ODU2 (10.037 Gbps) and OTU2 (10.709 Gbps)

Compatibility & Integration

The TS-10 chassis integrates with the JDSU TestPoint module ecosystem, supporting flexible configuration of interface types, transmission rates, and protocol stacks across a single platform. PC connectivity via standard 10/100BASE-T Ethernet enables remote management and centralized test automation workflows.

Features & description

From manufacturer datasheet

Features

- Fixed TS-10 portable chassis with handle
- 10 Gbps XFP-based test interface (optical or differential electrical XFP options)
- Multi-rate 10G family coverage: 10GE LAN/WAN, OC-192/STM-64, OTU2/ODU2, extended FEC rates with options
- Framed and unframed PRBS at supported rates
- ExStreams multi-stream Ethernet generation (up to 4096 streams with option)
- Transparent/intrusive monitor and logical loopback modes
- Web/Java remote control; LAN management with static IP or DHCP; SNTP
- Hot-swappable module philosophy on TS-30/TS-170; TS-10 is fixed configuration

Specifications

PARAMETER	VALUE
Model / Ordering	N550-0228 TS-10 10 Gbps XFP Version; configuration suffix such as N550-0228-06 / N55-022X per unit label
Manufacturer	Innocor / JDSU (later VIAVI TestPoint literature)
Instrument Type	Portable 10 Gbps communications test set (fixed configuration)
Chassis	TS-10
Height	5.6 cm (2.25 in)
Depth	42.5 cm (17 in)
Width	35 cm (14 in)
Weight	3.7 kg (8.1 lb)
Operating Temperature	0 to 35 C
Operating Humidity	0 to 85%

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	0 to 35 C
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Humidity	0 to 85%
Operating Humidity	0 to 85% Supported Line Rates / Protocols (10 Gbps module / TS-10 10G class) 10 GigE LAN (10.3125 Gbps class) and WAN OC-192 / STM-64 (channelized options available)
OTN	ODU2, OTU2; optional 11.049G / 11.095G / 11.270G / 11.317G FEC extended rates
Fibre Channel	8GFC and 10GFC with options GFP-F / GFP-T mapping options; cHDLC option Interfaces XFP socket supporting: OPT 0225-11 1310 nm XFP OPT 0225-12 1550 nm XFP OPT 0225-13 850 nm XFP OPT 0225-45 Differential electrical XFP
Management	10/100Base-T RJ45; operator RJ12/RS-232
Clock output	LVPECL AC-coupled SMA/50 ohm Example Optical XFP Characteristics (published module table) 850 nm: output about -4 to -1.1 dBm; sensitivity about -11.1 dBm 1310 nm: output about -6 to -1 dBm; sensitivity about -11 dBm 1550 nm: output about -1 to +2 dBm; sensitivity about -13.5 dBm

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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OTN: ODU2, OTU2; optional 11.049G / 11.095G / 11.270G / 11.317G FEC extended rates
Fibre Channel: 8GFC and 10GFC with options
GFP-F / GFP-T mapping options; cHDLc option

Interfaces
XFP socket supporting:
OPT 0225-11 1310 nm XFP
OPT 0225-12 1550 nm XFP
OPT 0225-13 850 nm XFP
OPT 0225-45 Differential electrical XFP
Management: 10/100Base-T RJ45; operator RJ12/RS-232
Clock output: LVPECL AC-coupled SMA/50 ohm

Example Optical XFP Characteristics (published module table)
850 nm: output about -4 to -1.1 dBm; sensitivity about -11.1 dBm
1310 nm: output about -6 to -1 dBm; sensitivity about -11 dBm
1550 nm: output about -1 to +2 dBm; sensitivity about -13.5 dBm

Hardware / Software Options (examples)
OPT 0221-03 OTN DW and GFEC
OPT 0228-04 OTN DW and GFEC/EFEC I.4
OPT 0221-05 10G GFP; OPT 0221-09 10G WAN; OPT 0221-15 10G FC; OPT 0228-41 8GFC
Electrical production packages PB1/PB2 for defined rate bands

Operational Notes
Confirm installed XFP wavelength and licensed software options on the unit label/GUI. Use Class 1 laser

safety practices with optical XFPs. Match electrical XFP cable length and amplitude settings to the published differential interface guidance.

Laser Safety

laser safety practices with optical XFPs. Match electrical XFP cable length and amplitude settings to the published differential interface guidance.

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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NIST-traceable calibration · SAM registered ·
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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.