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Data Sheet

August 1, 2026

INNOCOR/JDSU/TESTPOINT

Innocor JDSU TestPoint TS-10 N550-0221-08, N55-022X

The Innocor JDSU TestPoint TS-10 (N550-0221-08, N55-022X) is a fixed-interface network testing platform engineered for field diagnostics across Ethernet, Fibre Channel, and SONET/SDH infrastructures. This lightweight, portable chassis delivers accurate protocol validation and troubleshooting with a design optimized for technician mobility. Typical Applications Field protocol validation, network infrastructure diagnostics, WAN/LAN endpoint testing, carrier service verification, and optical transport layer analysis. Compatibility & Integration The TS-10 fixed configuration integrates within the TestPoint series ecosystem, which includes modular platforms (TS-30, TS-170) for expanded testing flexibility. Support for multiple protocol stacks and transport technologies enables deployment across diverse network environments. Aumictech offers NIST-traceable calibration and repair for the Inn



MODEL

**Innocor/JDSU/TestPoint
N550-0221-08/N55-
022X**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

**N550-0221-08/N55-
022X**

LISTING

<https://aumictechabs.com/products/n550-0221-08-n55-022x-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Innocor JDSU TestPoint TS-10 (N550-0221-08, N55-022X) is a fixed-interface network testing platform engineered for field diagnostics across Ethernet, Fibre Channel, and SONET/SDH

infrastructures. This lightweight, portable chassis delivers accurate protocol validation and troubleshooting with a design optimized for technician mobility.

Technical Specifications

Environmental Operating Temperature: 0°C to +40°C Storage Temperature: -20°C to +60°C Humidity: 5% to 95% non-condensing EMC Compliance: CE Mark Class A Mechanical Robustness Shock (IEC 60068-2-27 & 29): 15 G, 1/2 sine, 11 ms duration (three shocks per axis, three axes, power off) Bumps (IEC 60068-2-27 & 29): 15 G, 1/2 sine, 6 ms duration (1,000 jolts per axis, three axes, power off) Drop (IEC 721-3-7): 50 cm drop height onto plywood (one impact per six sides)

Key Features

Ethernet & IP Testing Data rates: 10/100/1000 Mb/s, 1 GigE, 10 Gigabit Ethernet (LAN/WAN PHY) Connectors: RJ-45 (10/100/1000 Mb/s); FC, SC, ST, LC, DIN (10 Gbps) Modes: Terminate, Monitor, Loopback Layer 2/3 traffic generation with configurable source/destination IP, VLAN, MPLS, IPv4/IPv6, TCP/UDP Layer 2/3 filtering BERT support at PCS, MAC, Single/Stacked VLAN, and IPv4 layers FEC support: ODU2, OTU2, OTU1e, OTU2e, OTU1f, OTU2f rates with Enhanced FEC (EFEC) Single and Dual Port configurations (Dual Port 10 GigE may require two Transport Modules)

Fibre Channel Testing Data rates: 1G/2G/10G Fibre Channel Interface: XFP socket for optical and electrical connectivity

Typical Applications

Field protocol validation, network infrastructure diagnostics, WAN/LAN endpoint testing, carrier service verification, and optical transport layer analysis.

Compatibility & Integration

The TS-10 fixed configuration integrates within the TestPoint series ecosystem, which includes modular platforms (TS-30, TS-170) for expanded testing flexibility. Support for multiple protocol stacks and transport technologies enables deployment across diverse network environments.

Features & description

From manufacturer datasheet

Features

- Fixed TS-10 portable chassis with handle
- 10 Gbps-class test interface (XFP-based configurations common in the TS-10 10G family)
- Multi-rate coverage depending on licenses: 10GE LAN/WAN, OC-192/STM-64, OTU2/ODU2, extended FEC rates, Fibre Channel options
- Framed and unframed PRBS at supported rates
- Transparent/intrusive monitor and logical loopback modes
- Web/Java remote control; LAN management with static IP or DHCP; SNTP
- Automation via CLI (Telnet, socket, serial) with toolkits in Python, C, TCL, LabVIEW, Visual Basic
- Non-volatile storage for software loads, configuration, event logs, results, and capture files

N550022108N55022X Characteristics / Specifications

PARAMETER	VALUE
Model / Ordering	N550-0221-08; N55-022X family designation per catalog
Manufacturer	Innocor / JDSU (later VIAVI TestPoint literature)
Instrument Type	Portable fixed-configuration communications test set
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 (chassis datasheet)
Operating Humidity	0 to 85% Supported Line Rates / Protocols (10 Gbps TS-10 class; option dependent) 10 GigE LAN (10.3125 Gbps class) and WAN OC-192 / STM-64
OTN	ODU2, OTU2; optional extended FEC rates including 11.049G / 11.095G / 11.270G / 11.317G class options
Fibre Channel	8GFC and 10GFC with options (0221-series option codes) GFP mapping options Interfaces XFP socket on 10 Gbps configurations (1310 / 1550 / 850 nm or differential electrical XFP options)
Management	10/100Base-T RJ45; operator serial/RJ12 class port
Clock output	LVPECL AC-coupled SMA/50 ohm class on 10G modules Related Ordering Context
Multi-rate coverage depending on licenses	10GE LAN/WAN, OC-192/STM-64, OTU2/ODU2, extended FEC rates, Fibre Channel options
Humidity	0 to 85%

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
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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

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Model / Ordering	N550-0221-08; N55-022X family designation per catalog
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Instrument Type	Portable fixed-configuration communications test set
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OC-192 / STM-64
OTN: ODU2, OTU2; optional extended FEC rates including 11.049G / 11.095G / 11.270G / 11.317G class options
Fibre Channel: 8GFC and 10GFC with options (0221-series option codes)
GFP mapping options

Interfaces
XFP socket on 10 Gbps configurations (1310 / 1550 / 850 nm or differential electrical XFP options)
Management: 10/100Base-T RJ45; operator serial/RJ12 class port
Clock output: LVPECL AC-coupled SMA/50 ohm class on 10G modules

Related Ordering Context
N550-0228: TS-10 10 Gbps XFP configuration (alternate base order number)
TS-30 (3-slot) and TS-170 (17-slot) provide modular hot-swap versions of the same TestPoint modules

Standard Operating Conditions
Requires a PC with 10/100 LAN for GUI. Operate 0 to 35 C. Confirm installed licenses match the N550-0221-08 feature set before quoting Fibre Channel or extended OTN rates.

Operational Notes
Read the unit option sticker for exact enabled rates (0221-08 may encode extended-rate / Fibre Channel licensing rather than a unique hardware SKU). XFP optics are often separate. Do not confuse with the modular TS-30/TS-170 chassis.

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.