



JDSU Product Information 2011

Instruments, Systems, Software, and Services that Enable Broadband Communications

JDSU offers instruments, systems, software, services, and integrated solutions that help communications services providers, equipment manufacturers, and major communications users maintain their competitive advantage at each stage of the network life cycle.

**No. 1 in
CommTest**

Communications Test & Measurement



Product Information



Consulting



Workshop



Seminar

JDSU's Consulting and Training programs are designed for customers at various levels of network deployment. Our consulting team will come to your site to analyze and assess your current situation, recommend new techniques and methods to help you increase your quality, efficiency and productivity in your networks. Also, if needed, we will work with you to develop test plans and demonstrate troubleshooting techniques to keep your system up and running. Many of our consulting programs also offer training solutions to fit your needs. Our portfolio consists of test plans/methods and procedures, on-site testing services, automation software, and business processes.

- Increase customers' productivity and capability
- Improve efficiency and QoS
- Enhance technical knowledge
- Offer hands-on, personalized, intense training
- Get customers up to speed quickly with JDSU solutions
- Perform gap analysis to help optimize your network.

For example:

IPTV and VoIP performance and quality

ROADM planning, performance and quality

Metro Ethernet bandwidth and throughput analysis

Fiber Characterization CD, PMD

We provide detailed documentation of the analysis data and interpret the results for you. Upon completion, we deliver a clear report on the entire process. Just tell us what consulting, tests and measurements you need and we will draft a quote for the service.

And for example following Seminars/Workshops:

- Frequency and Time Synchronization in Packet Networks
- Ethernet Transmission Performance
- Long Term Evolution – LTE
- dibkom-certified Fiber Optics Installation Professional
- High Speed Telephone Line Access
- OTN – Introduction to Optical Transport Networks According to ITU-T Rec. G.709 (plus Sup43)
- Digital Mobile Radio – DMR
- Different Instrument Training

We offer Seminars/Workshops as open classrooms as well customized and Virtual Classroom.

Interested? Please contact us we will be glad to send you our quote about Seminars.

Please contact:

seminars.europe@jdsu.com

or phone: +49 7121 86 1657

Lab and Manufacturing Test

ONT-503/506/512, SONET/SDH Meets Data – AON

- 3, 6 or 12 slot solution
- Supported bit rates for BERT
 - 10.3125 Gbps = 40GE and 100GE
 - 10.764 Gbps = OTU3
 - 11.18 Gbps = OTU4
- Up to 40/43 Gbps with jitter/wander test solution
- 10GEthernet – 8 line rates: SDH/SONET, OTN, LAN/WAN w/wo FEC, FC w/wo FEC
- NewSONET/SDH: VC, LCAS, GFP
- OTN acc. G. 709, FEC
- High-accuracy Jitter/Wander - Generation and analysis from 155 Mbps up to 10.7 Gbps. 10GE Synchronous Ethernet
- Ask for SW upgrades for free, with many new features for: Module-E, 100GE/40GE, OTU4, OTU3-Multiplexing, Jitter E hardware, differential electrical interface



ONT 100G Test Solution supporting 40GE/100GE/OTU4

- Powerful test solution designed to address the 40GE, 100GE and OTU4 test and development needs of key component makers, transponder and system manufacturer
- Testing and validation of electrical and optical level functionality with unframed BERT, PCS layer, Ethernet and IP traffic.
- First Layer 1-2-3 test solution for 100GE
- PCS Layer Validation; MAC/Ethernet Layer Coverage;
- QoS Per-Stream System Tests
- Multi-stream support with 256 fully independent streams
- OTN OTU4 Features: Unframed (11.8 Gbps) and framed bulk payload for OTU4



ONT-600 Multiport Test Module (MTM)

The MTM provides high density 155M to 11.1G testing at layers 1 through 3. Four concurrent users can control a broad protocol range including OTN, GigE/10GigE LAN, and SONET/SDH.

- Industry's highest density 10G transport protocol tester
- Available in stand-alone configuration or hot-swappable module
- Full client test features are maintained when wrapped in OTN
- Future proof hardware ready for 10M to 11.3G rate coverage
- Carrier Ethernet Validation
- 40G & 100G Client Generation/Analysis
- Network Element Production Testing
- 155 Mbps-11.1 Gbps Traffic Blasting
- High Density L1-L3 testing up to 11.1 Gbps



MAP-230 and MAP-280 Multiple Application Platform

3 or 8 slot chassis – with hot swappable modules

- The new platforms for lab and manufacturing. With many years of experience and more than 20 different modules now offering new features
- Optical sources, power meter, tunable laser, switch, filter.
- New modules: quad meter, remote head for mOPM, PCT tester for IL/RL, quad mTLG tunable laser source



Polatis Optical Switch Module

The VST is unique to Polatis and delivers significant cost savings for a highly versatile tool with a single, easy-to-use interface.

- Remote or stand-alone control; dark fiber switching
- Optical power monitoring; handles high optical power
- Optical attenuation (VOA) control; ultra-low insertion loss



c-Series – compact Photonic Point Solution

cFPL-A1 with FP laser supports FTTx wavelengths (1310, 1490, 1550, 1625 nm) with adjustable output power

cOPM-A1 Optical Power meter (800 to 1650 nm)

cORL-A1 Optical Return Loss meter operates at four FTTx wavelengths (1310, 1490, 1550, 1625 nm) with a dynamic range of 70 dB for RL



Product Information

Service Assurance Solutions



QT-200 Copper and xDSL Probe for Service Level Testing

- NetAnalyst test management software allows for comprehensive test scheduling and results management
- Fault diagnosis and finding, between the CPE, access network, central office (CO), core network and ISPs

QT-600 Ethernet Probe

- Supports four simultaneous active tests including ping, traceroute, RFC-2544 and 802.1ag/Y.1731 loopback/linktrace
- Provides sophisticated filters and triggers for data capturing supporting both pcap and cap formats for viewing using JDSU Examine or Wireshark.



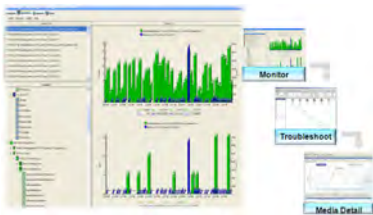
NetComplete™ Home Performance Management

- Automated end-user service verification for IPTV, Internet and VoIP
- Supports global broadband connection xDSL and FTTP networks
- Web enabled views and reports for assessment of test results and key performance indicators (KPIs)
- Enables large scale continuous monitoring of service quality (QoS) and customer experience (QoE) availability
- Graphical development environment to enable the rapid creation of monitoring profiles
- Secure access and control via Web



Assurance Solutions for Mobile Voice and Data

- The only truly scalable distributed architecture for MSS.
- Best-in-class, feature rich guided troubleshooting functionality
- Intelligent KPI alarming targeted at specific/custom network services
- Proven in many of the world's largest networks



Assurance Solutions for fixed Voice

- Rapid fault detection, isolation and resolution of network issues.
- Provides the test and monitoring industry's most complete correlation across VoIP protocols for end-to-end visibility of IP services
- The only truly scalable distributed VoIP architecture for IP wireline on the market
- Allows you to characterize your network down to the individual user and session
- Best-in-class, feature rich guided troubleshooting functionality
- Intelligent KPI alarming targeted at specific/custom network services
- Proven in many of the world's largest networks

Metro Network – C/DWDM Systems

WaveReady - Carrier Grade CWDM/DWDM Optical Transport Solution

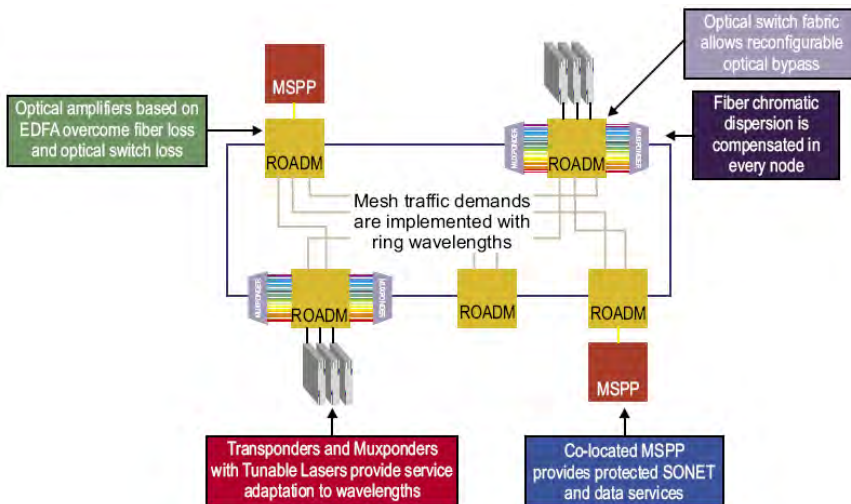
- Extended range of optical transponders with embedded management channel
- tunable XFPs
- Low power consumption single and multi-channel optical amplifiers
- Optical protection modules switching in less than 15 ms
- Passive optic mux/demux/OADM for CWDM and DWDM up to 80 channels

Simplicity: WaveReady is very simple to install and manage and does not require a laptop computer or special software to manage! The use of Wave-Ready’s unique embedded management features provides remote management of all nodes from one location without the need to build an optical supervisory channel (OSC) or a telemetry connection at every site!

Scalability: The WaveReady system can grow to up to 80 wavelengths.

Reliability: WaveReady makes use of JDSU’s high quality optical components and is NEBS Level 3 certified.

Data rate, protocol, and vendor agnostic: The WaveReady network proposal is capable of transporting signals from 100 MB to 10 GB and protocols from SONET, SDH, Ethernet, Digital Video, Fibre Channel...etc.



Metro Network – C/DWDM Optical Field Test



MTS-4000 Multiple Services Test Platform

The MTS-4000 offers the first multi-test platform that address the complete requirements of field service technicians entrusted with installation and maintenance of access networks and triple play services.

- OTDR modules enabling through PON splitter in FTTx
- PON Power meter for turn up FTTx networks
- CWDM spectrum analyzer COSA – new SFP interface
- Video inspection scope, laser source, power meter and VFL



MTS-6000 Fiber Characterization Mini-Platform

One slot solution

MTS-8000 Fiber Characterization Platform

Two-slot solution for OTDR and more...

Features – MTS-6000,-8000

- OTDR - New module with 4 or even 5 wavelengths
- New ODM module for PMD, CD and attenuation profile
- CWDM, DWDM OSA
- Bi-directional OTDR and loss test
- More than 40 modules
- Backwards compatible with existing MTS-5000 optical modules.
- Script for Link Characterization



OSA-110M Compact Full-Band Optical Spectrum Analyzer

OSA-module for MTS-6000,-6000A,-8000 platform

- CWDM + DWDM testing in Metro Access, CATV, mobile backhaul and LTE
- Smallest full-band monochromator OSA worldwide
- One-touch Pass/Fail application
- Suited for all DWDM systems (50 to 200 GHz channel spacing grid)
- Scanning time <1 s in fast mode
- ORR values up to 40 dBc suited for field use
- Dynamic range from -60 to +23 dBm without external attenuator
- Supports all modulation formats, even 40G/100G (important for channel detection)



OSA-180/-500R Full-band Optical Spectrum Analyzer

OSA-module for MTS-8000 platform

- For testing WDM and ROADM-based systems up to 100 Gbps
- Smallest and lightest high performance field OSA
- Replaces OSA-160 - 30% smaller and 40% lighter
- Highest measurement speed and outstanding wavelength accuracy
- Built-in wavelength calibrator - needs no recalibration over lifetime
- Full band operation (1250 to 1650 nm) for CWDM and DWDM
- Option for PMD measurement

Metro Network – C/DWDM Optical Field Test

OCC-55 CWDM and OCC-56 DWDM Channel Checker

- Industry's smallest and lightest CWDM and DWDM channel checker
- Low-cost alternative to an OSA
- Supports C-band, L-band as well as full CWDM-band
- 50 GHz, 100 GHz or 200 GHz channel spacing ITU-T
- Measure up to 18 CWDM wavelengths specified by ITU-T G.694.2
- Channel routing verification in ROADM networks



OBS-550 Optical Broadband Source

- One handheld source for Chromatic Dispersion, PMD, and attenuation profile
- DWDM and very high speed network characterization
- CWDM systems
- Water peak (OH around 1383 nm) qualification
- Component qualifications
- Metro, long-haul and very long haul



TLS-55 Tunable Laser Source

The most compact tunable optical laser source for field applications and designed to support ROADM network channel routing applications.

- C-band tunable wavelength range (191.7 to 196.15 THz)
- 1510 nm laser option with C-band devices
- L-band tunable wavelength range (186.35 to 190.90 THz)
- 50 GHz, 100 GHz or 200 GHz channel spacing - ITU-T
- Adjustable output power level
- USB port for remote operation. Quick-start operation, requiring no warm-up time and reducing testing time



Optical Network Management System (ONMS)

The optical network performance and monitoring system that keeps the network on target 24 hours a day

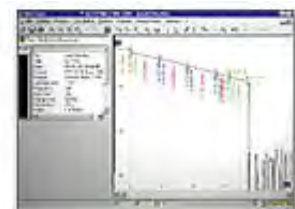
- Performs wide range of applications from Metro to ultra long haul network monitoring
- Rapidly detects and accurately locates fiber degradation
- Integrates state-of-art OTDR functionality via the OTU-8000
- Capability to locate faults directly on a third party mainstream internet mapping tool (if installed).
- Unique FTTx solution for PON Networks



OFS-100 Optical FiberTrace Software and

OFS-200 Optical Fiber Cable Software

- Automatic OTDR, DWDM, PMD, and CD trace analysis
- Reflectance and optical return loss measurements
- Bi-directional analysis and multiple trace analysis
- Graphical zoom and offset functions
- Macro function for custom batch processes
- Improve productivity and generate professional cable acceptance test



Core IP Network



MTS-5800 NEW - Handheld Network Tester for 10GEthernet

Six MTS-5800 configurations:

- Single- and dual-port Ethernet versions
- With or without TDM/PDH interfaces
- Fully loaded TDM/PDH to 10G Ethernet, SONET, and SDH
- SyncEthernet + IEEE 1588v2 PTP (Precision Time Protocol)
- Layer 1-3 Ethernet/IP SLAs verification (with Class of Service [CoS]) that includes automated Enhanced RFC 2544 testing
- SAMComplete Y.1564 Testing, TrueSpeed™ TCP
- MPLS-TP
- 3.1 Gbps Optical test application for LTE and 3G/4G wireless backhaul – CPRI-protocol



MTS-6000A Compact Network Test Platform with Multi-Services Application Module (MSAM)

- **NEW:** Dual- and single-port 10 Mbps to 10 GigE
- Tests 10 GigE LAN- and WAN-PHY at 850, 1310, and 1550 nm
- Dual- and single-port 10 Mbps to 1 GigE
- SyncEthernet + IEEE 1588v2 PTP (Precision Time Protocol)
- PDH, SONET/SDH at OC-3/STM-1 through OC-192/STM-64
- Layer 1-4 Ethernet w. RFC 2544, SAMComplete Y.1564, TrueSpeed™ TCP, VLAN, Q-in-Q, VPLS, MPLS, MPLS-TP
- TCP/UDP at 10 Mbps to 10 Gbps with stateful emulation
- Autotest scripts for Triple Play, FTP/HTTP/Telnet, Window Size
- IP Video at 10 Mbps to 10 GigE line rates
- Fibre Channel 1G, 2G, 4G, 8G, 10G, and OTN (G.709), 2.7G, 10.7G, 11.xG



MTS-8000 World's most compact Quad 10GE Tester

DMC Module – Quad 10G Tester with 2 x MSAM functionality

MTS-8000 Platform for All Needs

Market leading platform in Field Testing

- 40/ 43G SDH / SONET & OTN testing
- Jitter and Wander Testing for PDH/SDH/OTN



Xgig® 16G Fibre Channel Analyzer and Test Platform

- The Xgig® Analyzer Comprehensive Multi-Protocol Analyzing and Testing for Fibre Channel, SAS/SATA, and Ethernet (including FCoE and iSCSI)
- Up to 16 Gbps Fibre Channel; Up to 6 Gbps SAS/SATA; 1 Gbps and 10 Gbps Ethernet, including FCoE and iSCSI
- Error Injection (Jamming)
- Bit Error Rate Testing
- SAS/SATA Traffic Generation
- Fibre Channel Load Testing

Access Network

MTS-2000 Handheld Modular Test Set

- LAN/WAN/Metro/Access/PON OTDR applications.
- FiberComplete™ application for automated Insertion Loss and ORL testing with fault finding
- CWDM optical spectrum analyzer application
- PON/FTTH selective power meter application
- Digital analysis microscope to inspect connectors end faces and perform IEC pass/fail analysis



MTS-4000 Multiple Services Test Platform

- Highly scalable with up to **2 field-replaceable modules**
- Intuitive graphical user interface with touch screen option
- Scripting, Internet access, remote control, HTML, PDF reader
- **Triple-play** service testing/IPTV and VoIP measurements from DSL access interfaces or standard Ethernet port
- **Fiber test** applications include OTDR, PON meter, video inspection scope, laser source/power meter, and VFL FTTx PON OTDR - Optimized dynamic range and dead zones for test through splitters up to 1/128
- **Copper test** applications include volt/ohm meter, time domain reflectometer (TDR), resistive fault locator, and wideband tones/spectral analysis to 30 MHz – with Far End Device – UltraFED
- **VDSL and ADSL** testing using Infineon Technologies chip set and licensed option for Dr. DSL® diagnostic solutions from Aware, Inc.



HST-3000 Triple Play Services Tester

- IPTV, VoIP, ADSL2+, VDSL2, copper including DVOM, TDR, spectral noise, resistive fault locator (RFL) and wideband transmission tests with Far End Device - UltraFED.
- E1, T1, T3 / Datacom, ISDN,
- Ethernet 10/ 100/ 1000, RFC 2544 test at L2 to 4 (Eth/IP/TCP/UDP).
- Generate and analyze traffic with various encapsulation schemes such as VLAN, VLAN Stacking (Q-in-Q), and MPLS
- PPPoE protocol support for emulation of data traffic in the last mile
- TechComplete - Improve xDSL processes through automation and centralized, web-based management tools.



SmartClass Ethernet

Simple to use for Ethernet and IP testing in different languages - GB,GER,FR,ESP,IT,RUS..

- Cable diagnostics
- LED lights for quick verification
- Layer 2 and Layer 3 traffic generation
- 10/100/1000 electrical, 1GE optical interface
- RFC 2544 conformance testing ; asymmetric RFC-2544 testing
- Loopback and Traffic Generation modes
- Optical power measurements to check laser levels
- Class of service testing with multiple streams, MPLS support



SmartClass E1, Datacom

- Easy to use, lightweight, and rugged for E1, Datacom service installation
- Smart auto configuration
- Dual ports for bi-directional monitoring and troubleshooting



HFC and Video Testing



DSAM-6300 Network Maintenance Sweep Meter with DOCSIS Capabilities

Handheld field meter for HFC and Euro/US DOCSIS installation and maintenance; increase the speed and efficiency in deploying voice, high-speed data and video services.

- 8 downstream x 4 upstream DOCSIS 3.0 testing with throughput testing up to 400 Mbps down, 120 Mbps up
- Unique DQI Digital Quality Index to help find and eliminate intermittent problems
- New SmartID to identify issues in the home coax topology
- New Wireless and Optical measurement
- New Field View QAM™ – A simple one-man troubleshooting tool used to locate and repair hard-to-find invisible impairments on the Return Path



PathTrak Return Path Monitoring System

- Simultaneous return path monitoring, live remote client spectrum views, constant performance history, and remote spectrum views on field meters.
- Use Field View™ with SDA and DSAM field meters to quickly locate ingress, the most common impairment.
- Unique MACTrak Technology with Codeword Error Detection uses in-band cable modem or DSAM packets to tell you in real-time which impairments are affecting subscriber services.
- New integrated 16 port HCU-200 compact unit



ESAM Status	RF (current)	RF (24-hour)	MPEG (current)	MPEG (24-hour)	Test Point
OK	Critical	Major	Critical		Broadcast Channels
OK	OK	OK	OK		VOD Channels
Minor	Major	OK	OK		SDV Channels
Major	Critical	OK	Major		Business Channels
OK	Major	Minor	Critical		Government Channels

PathTrak™ Video Monitoring (PVM)

- Targets the lack of visibility at the network edge and extends support for real-time cost-efficient monitoring and analysis of Analog/Digital/IP Video and DOCSIS channels.
- Combined with the GigE/RF/HFC capabilities, video monitoring finally evolves to an operations tool. Engineering teams at edge headends can now rapidly identify issues with content providers or headend equipment and isolate their source.
- New MVP-200 SimulTrack integration to monitor simultaneously up to 512 Video IP stream.



DTS-330 Digital Broadcast Test Platform

- Monitor, analyze, record, create, and play MPEG transport streams
- MPEG-2 and MPEG-4 (H.264/AVC) analysis capabilities
- Combine the capabilities to analyze/record/simulate MPEG streams on multiple interfaces simultaneously.
- Available interfaces include ASI, QAM, GigE, COFDM, and QPSK.



MSQ-900 Handheld QAM and Analog Signal Level Meter

- Rugged & lightweight to meet the demands of field technicians
- 5 to 1,000 MHz range; 6 or 8 MHz Channels, Annex A/B/C capable
- MER, Pre-FEC and Post-FEC BER, digiCheck™ Digital Power Level
- AutoTest™, fast automated testing to qualify multiple digital and analog channels with pass and fail indications
- Expand more of the MSQ-900 features via the MSQ-PC software including Constellation and Spectrum views

Access Wireless and IP Video Testing

Wireless Drive Test Systems

The drive test platform is the industry's most flexible, customizable, and scalable solution for the optimization of wireless networks and data services across all major 2G, 3G, and 4G technologies, including WiMax and LTE.



Handheld Network Monitor

Often you need something that is a little more portable to collect your network data. The E6474A Option 850 Handheld Network Monitor Application is ideal for testing in those difficult areas.

Voice and VoIP Quality Measurement

The B9990A Voice Quality solution provides powerful and fully integrated tools for providing accurate and consistent quality measurement over your networks.



Data & Video Measurement

The E6474A Option 700 series provides a comprehensive set of tools to testing data and video connections over your network.

JD7105B and JD745A Base Station and JD7108B and JD748A Signal Analyzers

Multi-function Analyzer for CDMA, GSM, GPRS, EDGE, WCDMA, HSDPA, WiMax and LTE base stations and repeaters

JD745A / JD748A: up to 4 GHz

JD7105B / JD7108B: up to 7.2 GHz

- Spectrum and Interference Analyzer
- CW Signal Generator
- Signal Analyzer for all wireless technologies
- Cable, Antenna and E1 Analyzer
- Over the Air Measurements
- Auto-measurement function, for quick and easy configurations and measurements.



JD746A RF Analyzer

Combines the functionality of spectrum analysis, cable and antenna analysis, and power measurements, covering all the measurements required for test, acceptance and troubleshooting the physical layer of cellular networks.

The standard features of the JD746A include the following:

- Spectrum Analyzer: 100 kHz to 4 GHz
- Cable and Antenna Analyzer: 5 MHz to 4 GHz.
- Power Meter: 10 MHz to 4 GHz.

The JD746A was designed with a flexible platform that can support any of the following functions:

- Interference Analysis - Channel Scanner - GPS receiver – 2 port transmission measurements - Internal Bias Tee - CW signal generator



JD72x Cable and Antenna Analyzers

The majority of the operation problems at base stations are caused by the antenna system, cable and connectors. It is essential to have the right test and measurement instrument to commission and service cell sites and the JD72x Cable and Antenna Analyzers are the ideal solution.

JD723A: 100 MHz to 2.700 MHz

JD724B: 25 MHz to 4.000 MHz

JD725A: 25 MHz to 4.000 MHz (Dual Port)

JD726A: 5 MHz to 6.000 MHz

- Detection of operational problems in the infrastructure (cables, connectors) of base stations or repeaters
- VSWR – DTF (distance to fault) - Cable loss - RF power meter – Gain/Loss



Premises & Enterprise Test



MTS-2000 Handheld Modular Test Set

Hands-free test set for the installation, turn-up and maintenance of fiber optic networks.

- LAN OTDR application. Wavelength: 850 & 1300 and 1310 & 1550nm
- Simple interface and one-touch button operation ensures straightforward use of the instrument.
- Results are displayed on a large high resolution color touchscreen.
- Reporting software FiberTrace or FiberCable, Pass/fail function, compatible with Microsoft Excel™
- Digital analysis microscope to inspect connectors end faces and perform IEC pass/fail analysis



MTS-4000 Multiple Services Test Platform

- OTDR – Quad and multimode solutions
 - First-to-market handheld OTDR module with more than 40 dB dynamic range and very high resolution
 - Event Dead Zone: < 1 m
 - Wavelength: 850, 1300, 1310, 1550, 1625, and 1650 nm
- ESAM – NEW Enterprise Services Application Module
 - Wire-speed packet capture, expert analysis and statistics
 - Full suite of network connectivity tests
 - Network discovery – on and off subnet
 - Physical media tests with integration to Plan-Um
 - Modular platform offers many options:
 - VoIP phone emulation
 - Optical Power Meter/Visual Fault Locator
 - Fiber inspection probe with automated pass/fail
 - WiFi testing



Certifier40G for LAN – 1-1600 MHz Testing

Next-Generation Cable Certifier, designed for productivity with tomorrow's testing capability...today.

- Touch two-ended control.
- Reduces time walking back and forth.
- Future proof 1600 MHz testing.
- Fastest CAT 6A/Class FA test - 9 s/15 s
- ReLevel IV accuracy over the full Class FA spectrum.
- Integrated planning software.
- Optional integrated fiber end face inspection



ValidatorPRO Ethernet Network Management Tool

- Certify speed capability of electrical Ethernet cable runs to support 10/100/1000 Mb/s Ethernet applications
- Ensure configuration and connectivity with active network devices
- Measure optical power and insertion loss
- Discover and display essential information regarding functionality of 802.11 b/g/n wireless devices
- Document network topology including moves, adds, and changes

Fiber Optic Test – Inspection and Cleaning

OMK-3x SmartPocket™ Optical Handhelds

A new generation of pocket-sized light sources, power meters and kits.

- Includes a light source (OLS), a power meter (OLP), and other accessories.
- Ideal for field tests multimode and / or singlemode
- Sources OLS: 850/1300, 1310/1550, NEW! 850/1300 and 1310/1550 nm with: ST, SC or FC for multimode; FC, SC or LC for singlemode
- Meter OLP: 780 to 1625 nm with UPP-adapter (universal push pull) for all 2.5 mm and optional for all 1.25 mm adapters.



OMK-55 Optical Loss Test Kit

With over 20 years of experience and 100,000 units in the field, JDSU continues to set industry standards for optical handheld instruments

- For FTTx, CWDM, DWDM, 40 Gbps, Ethernet, and Gigabit Ethernet
- 4 laser source, power meter, attenuator, loss test set, optical talkset
- High output level stability, FTTx ready
- Flexible adapters for sources and power meter: FC, SC, LC, ST
- For power meter also: UPP (universal push pull) for all 2.5 mm or 1.25 mm adapters.



FIT-S105-PRO Essential Tools for Fiber Handling

Inspect, clean, and test fiber optic connectivity with a seamless and integrated workflow system.

Includes: Visual Fault Locator FFL-050, HP3-60 - industry's only handheld solution for inspecting and testing fiber networks with one device:

- 1.8 inch TFT LCD to view clear, crisp, detailed images of fiber end faces with optimal resolution
- Integrated power meter for all singlemode and multimode applications, such as LAN, TELECOM, CATV, and DWDM testing
- Modulation frequency detection lets users identify individual fibers
- TWINtest and Auto-λ (with JDSU optical light source)



Keep everything together and finish the job in less than half the time

FFL-050, FFL-100 VFL (Visual Fault Locator - Red Light)

- Pocket-sized Optical Fiber Damage/Break Locator
- High powered laser (650 nm/1 mW) for single-mode (> 7 km) and multi-mode (> 5 km) connectors
- Equipped with a 2.5 mm interface, for connectors SC, ST, FC, E2000, optional: 1.25 mm adapter for LC and MU connectors



FI-60, FI-11, Live Fiber Identifier

FI-60 - Live Fiber Identifier easily identifies the optical signal without having to disconnect the fiber or disrupt network traffic. Also converts to an Optical Power Meter (OPM).

- Detection -20 dBm @ 1310nm; -30 dBm @ 1550nm
- Detected wavelength: 850 to 1700 nm
- Detectable optical power range: -65 to +10 dBm

FI-11 – Live Fiber identifier - Identifies optical fibers by detecting the optical signals being transmitted through a single-mode fiber.

- Detection -40 dBm @ 1310nm;
- Detected wavelength: 800 to 1700 nm
- Core power reading: 0 to -40 dBm



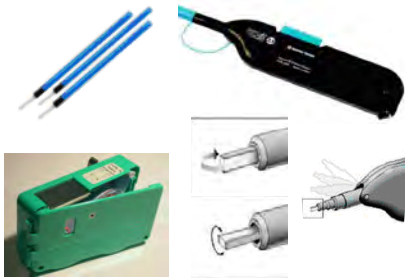
Product Information

Fiber Inspection and Cleaning



New Probe P5000i Microscope & FiberCheckPRO™ automated Analysis Software support IEC 61300-3-35

- Certifies compliance IEC 61300-3-35 or customer specific standards for highly repeatable go/no-go analysis of fiber end-face
- Visually inspect bulkhead and patch cord ends of fiber optic connectors and other optical devices
- DUAL-magnification (200/400x) FBP Probe – over 200 precision tip adapters
- All-digital construction with direct USB 2.0 output for use with FiberCheckPRO™ software
- Fits for the following JDSU units:
MTS-2000/-4000/-5800/-6000, HST-3000 and Laptop PC



Cleaning tools

- Optical connector cleaning tape 2.5 mm or 1.25 mm
- Fiber cleaning tool bulkhead 2.5 mm or 1.25 mm
- Cleaning sticks and fluid



CleanBlast FCL-P1100

CleanBlast: Portable, Digital, Bulkhead Handset Univ. 2.5 mm Tip

- Portable system with an integrated compressor, a standard umbilical, and an input port for a 6 pin QuickCapture "FBP" style probe.
- It is built into a ruggedized Pelican brand case.
- It features a built in USB converter and a USB output port to send the probe image to a PC for display or image capture.
- Also includes FiberChek software. Other style probes can be attached using converter cables.

Product Information

Anti-Aging program for your measuring equipment

Maintenance and calibration performed by the manufacturer is the basic of the quality management and guaranty the functionality and measuring precision during the whole life cycle.

The manufacturer only is able to perform the complete service portfolio for the instrument and customers requirements like:

- Calibration & maintenance
- Updates & Upgrades (hardware / software)
- Repair & Spare Part Support
- Hot line Service & Training
- Asset management and logistic support

Call us to define a service package tailored on your requirements.

We want that you can rely on JDSU measuring equipment.

Top performance and high level service quality for a fair price, is our mission.

Your contact:

EMEA Customer Care Center

Tel: +49 7121 86 2273

Tel: +43 1 311 9420,

e-mail: emea.customercare@jdsu.com



We are looking forward to receive your call.



JDSU - EMEA headquarter D-72800 Eningen - Germany

Secure Your Network Performance With JDSU Test Technique – At Bit Rates of 2 Mbps up to 100 Gbps



MTS Family – For Turn-up and Maintenance: Cu + LWL + VDSL + Ethernet up to 10 Gbps + PDH/SDH + OTN + FibreChannel + IPTV + VoIP



ONT Family – Lab and Manufacturing:
PDH/SDH + OTN + Jitter/Wander + Ethernet + SyncE, 10G + 40G + **100G**



Enabling Broadband & Optical Innovation

WWW.JDSU.COM/TEST

NORTH AMERICA +1 866 228-3762

LATIN AMERICA +1 954 688 5660

ASIA PACIFIC +852 2892 0990

EMEA +49 7121 86 2222

September 2011