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**Data Sheet**

August 12, 2026

JDSU

# JDSU PFA-35 Digital Communications Analyzer

JDSU PFA-35 Digital Communications Analyzer The PFA-35 is a JDSU digital communications analyzer for optical/electrical communications testing. Public detailed OEM specification tables for PFA-35 are limited compared to later T-BERD/MTS platforms; verified identity is a digital communications analyzer instrument. The PFA-35 is a JDSU digital communications analyzer for optical/electrical communications testing. Public detailed OEM specification tables for PFA-35 are limited compared to later T-BERD/MTS platforms; verified identity is a digital communications analyzer instrument.



MODEL

**JDSU PFA-35**

CALIBRATION

**Available on request**

CONDITION

**Used**

STATUS

**In stock**

RFQ / SKU

**PFA-35**

LISTING

<https://aumictechlabs.com/products/pfa-35-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

## This unit

The JDSU PFA-35 is a handheld digital communications analyzer designed for field installation, commissioning, and maintenance of E1 and data circuits. This battery-operated instrument delivers comprehensive testing across multiple legacy interfaces and protocols, supporting data rates from 50 bps to 2 Mbps. Equipped with an intuitive menu-driven interface and softkey controls, the PFA-35 enables technicians to diagnose circuit performance, verify signal quality, and generate fault conditions with minimal setup time.

**Technical Specifications**

**Data Circuit Testing Supported interfaces:** V.11/RS-442, V.24/RS-232, V.35, V.36/RS-449, EIA-530, G.703 (balanced and unbalanced) **Data rates:** 50 bps to 2 Mbps **BERT on** V.11/RS-442, V.24/RS-232, V.35, V.36/RS-449, EIA-530, and G.703 interfaces **Framed and unframed testing modes** X.50, X.50

PCM, HCM, and V.110 substrate circuit testing DCE/DTE emulation for protocol simulation V.24 asynchronous modem testing including round trip delay measurement E1 Circuit Testing Interface: G.703 (balanced and unbalanced) Data rate: 2 Mbps E1 physical layer:  $n \times 64$  kbps BERT, VF testing, round trip delay, and jitter measurement E1 service testing: Frame Relay and GSM QoS validation to G.821, G.826, and M.2100 ITU-T recommendations PCM30, PCM30 CRC, PCM31, and PCM31 CRC frame structure monitoring and generation G.704 framed 2 Mbit/s signal testing  $n \times 64$  kbps timeslot drop and insert functionality

**Key Features**

- Autoconfigure function detects and configures to circuit parameters with single-key operation
- Troubleshooter page displays instant network performance overview
- Histogram analysis of time-related errors
- Alarm and error status LEDs for problem identification
- Remote operation via V.24/RS-232 interface
- Test results storage and printing capability
- Downloadable software options extend testing functionality

**Electrical**

- Internal rechargeable NiCd batteries: 8 to 10 hours continuous operation
- External mains adapter/charger: US, Euro, UK, or Australian voltage compatible

**Typical Applications**

- Field commissioning of legacy telecommunications infrastructure, circuit verification during installation and maintenance, protocol compliance testing, and troubleshooting of data and E1 service performance.

## Features & description

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From manufacturer datasheet

### Features

• Instrument type: Digital Communications Analyzer • Manufacturer: JDSU • Model: PFA-35 • Role: communications analysis (bit/rate and physical-layer features depend on installed options)

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### Applications

- Digital communications signal analysis • Optical communications lab/field test (platform-dependent)
- Communications link characterization

# PFA Characteristics / Specifications

| PARAMETER       | VALUE                                                                                                                                                                                                                                                        |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model           | PFA-35                                                                                                                                                                                                                                                       |
| Manufacturer    | JDSU                                                                                                                                                                                                                                                         |
| Instrument Type | Digital Communications Analyzer                                                                                                                                                                                                                              |
| Alias           | PFA-35; JDSU PFA-35                                                                                                                                                                                                                                          |
| Type            | digital communications analyzer Notes Dense numeric RF/optical tables were not verified from a primary OEM datasheet in this pass. Confirm option list, rate coverage, and optical/electrical interfaces on the faceplate and manuals shipped with the unit. |
| Role            | communications analysis (bit/rate and physical-layer features depend on installed options)                                                                                                                                                                   |

# 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                           |
|-----------------|---------------------------------|
| Model           | PFA-35                          |
| Manufacturer    | JDSU                            |
| Instrument Type | Digital Communications Analyzer |
| Alias           | PFA-35; JDSU PFA-35             |

Type: digital communications analyzer

Notes

Dense numeric RF/optical tables were not verified from a primary OEM datasheet in this pass. Confirm option list, rate coverage, and optical/electrical interfaces on the faceplate and manuals shipped with the unit.

### Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: [sales@aumictech.com](mailto:sales@aumictech.com) · +1 (484) 841-9341

#### Aumictech

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NIST-traceable calibration · SAM registered ·  
30-day returns  
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Generated August 12, 2026

Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.