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Data Sheet
August 12, 2026

ANRITSU

Anritsu MP1800A OPTS 01,02,015 W 2X MU181020A and MU181040A

The Anritsu MP1800A Signal Quality Analyzer is a modular bit error rate (BER) and signal quality testing platform configured with two MU181020A Pulse Pattern Generator modules and two MU181040A Error Detector modules. This system supports data rates up to 12.5 Gbit/s per module - achieving 25 Gbit/s when both PPG modules operate in tandem, or 25 Gbit/s across dual ED modules. Options 01 and 02 provide GPIB and LAN remote control interfaces respectively, while Option 015 enables 4-slot module control for multi-channel configurations. The modular architecture accommodates future expansion and supports rates up to 56 Gbit/s when combined with Anritsu multiplexer and de-multiplexer units, making it suitable for R&D and production environments across a wide range of high-speed digital interfaces. Compatibility & Integration The modular design accommodates expansion with additional PPG and ED modules via the 4-slot mainframe. External multiplexer and de-multiplexer units enable testing of signals beyond single-module data rates. Aumictech offers NIST-traceable calibration and repair for the Anritsu MP1800A/MU181020A/MU181040A. All calibrations are performed to NIST-traceable standards and ship with a certificate. Turnaround is typically 1–3 business days after receipt.

MODEL	CALIBRATION
Anritsu MP1800A/MU181020A/MU181040A	Available on request
CONDITION	**STATUS**
Used	In stock
RFQ / SKU	**LISTING**
MP1800A/MU181020A/MU181040A	https://aumictechlabs.com/products/mp1800a-mu181020a-mu181040a-2/

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

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expansion with additional PPG and ED modules via the 4-slot mainframe. External multiplexer and de-multiplexer units enable testing of signals beyond single-module data rates.

Features & description

From manufacturer datasheet

Technical Specifications

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Anritsu MP1800A/MU181020A/MU181040A — Repair & Calibration Service

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Anritsu MP1800A/MU181020A/MU181040A price

This Anritsu MP1800A/MU181020A/MU181040A is listed at . Calibration is available separately from . Contact us for volume pricing or if you need multiple units.

Anritsu MP1800A/MU181020A/MU181040A calibration cost

NIST-traceable calibration for the Anritsu MP1800A/MU181020A/MU181040A is (standard — pass/fail certificate and calibration sticker) or (full measured data at every test point, reference standards documented, traceability chain included). Turnaround is 1 to 3 business days after receipt. See full calibration details →

Applications

High-speed serial link characterization and validation BER measurement and signal quality assessment Multi-channel parallel testing in production environments R&D validation of digital interfaces up to 56 Gbit/s Compatibility & Integration The modular design accommodates expansion with additional PPG and ED modules via the 4-slot mainframe. External multiplexer and de-multiplexer units enable testing of signals beyond single-module data rates.

Unit notes

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MP1800A/MU181020A/MU181040A Specifications

PARAMETER	VALUE
Voltage / Current Range	3.5 Vp-p

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.

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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
788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
https://aumictechlabs.com

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