

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 15, 2026

ANRITSU

Anritsu MP1201C Digital Analyzer

Anritsu MP1201C Error Rate Tester 40 Hz to 1.2 MHz The Anritsu MP1201C is a compact error-rate tester with separate transmitter and receiver operating at 40 Hz to 1.2 MHz. OEM/product specification listings describe TTL NRZ, PN9 and PN15 plus 1010 fixed patterns, error insertion, auto-sync, printer output, GPIB as standard, and a stepped internal-clock set from 100 Hz to 32 kHz. Reception-sensitivity and BER tests of digital radio and digital transmission systems in R&D, manufacturing, and maintenance. The Anritsu MP1201C is a compact error-rate tester with separate transmitter and receiver operating at 40 Hz to 1.2 MHz. OEM/product specification listings describe TTL NRZ, PN9 and PN15 plus 1010 fixed patterns, error insertion, auto-sync, printer output, GPIB as standard, and a stepped internal-clock set from 100 Hz to 32 kHz. Reception-sensitivity and BER tests of digital radio and digital transmission systems in R&D, manufacturing, and maintenance. Transmitter External Clock Frequency: 40 Hz to 1.2 MHz



MODEL

Anritsu MP1201C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MP1201C

LISTING

<https://aumictechlabs.com/products/mp1201c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MP1201C is a compact and user-friendly error rate tester designed for testing and characterizing digital transmission systems and digital radio systems. It operates with a clock frequency ranging from 40 Hz to 1.2 MHz. The instrument comprises separate transmitter and receiver units. The transmitter generates an M-series pseudorandom signal, simulating actual

circuit behavior, while the receiver displays the measured error rate using LEDs. Standard equipment includes a GPIB interface, facilitating integration into automated test setups. The Anritsu MP1201C is well-suited for research and development, manufacturing, and maintenance applications within these fields.

Technical Specifications

Measurement Capabilities: Bit error rate measurement Error pulse count measurement Reception sensitivity of digital radio systems Bit error rate of digital transmission systems

Signal Generation: Transmitter outputs M-series pseudorandom signal Pseudorandom patterns: PN9, PN15 Fixed patterns: 1010... repeat Error insertion capability

Clock and Data Rates: Clock frequency: 40 Hz to 1.2 MHz Data rate: 40 bps to 1.20 Mbps Specific clock rate: 32 kHz

Interfaces: GPIB (General Purpose Interface Bus) provided as standard equipment Printer output available

Operating Modes: Auto sync on/off

Power: Input voltage: 100-120 VAC or 200-240 VAC Power consumption: ≤ 50 VA

Environmental: Operating temperature: 0° to 50°C

Physical: Dimensions (W x H x D): 426 mm x 88 mm x 451 mm Mass: <15 kg

Standard Accessories (when ordering): Coaxial cord, 3CA-P2 RG-55/U 3CA-P2, 2 m: 2 pcs Power cord, 2.6 m: 1 pc Fuse, 0.63 A: 2 pcs MP1201C operation manual: 1 copy

Why Choose Aumictech for Anritsu MP1201C? At Aumictech, we specialize in supplying high-end network testing equipment. Whether you need a reliable Anritsu MP1201C for precise bit error rate analysis, efficient system R&D, or solid manufacturing and maintenance applications, our team ensures the Anritsu MP1201C delivers maximum performance for your application.

MP1201C Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Error rate tester
Manufacturer	Anritsu
Clock Frequency Range	40 Hz to 1.2 MHz
Max Data Rate	1.20 Mbps
Transmitter External Clock Frequency	40 Hz to 1.2 MHz
Transmitter External Clock Level	TTL
Transmitter External Clock Impedance	high
Transmitter External Clock Connector	BNC
Transmitter Nrz Frequency	40 Hz to 1.2 MHz
Transmitter Nrz Level	TTL
Transmitter Nrz Load	75 ohm
Transmitter Nrz Connector	BNC
Receiver Nrz Frequency	40 Hz to 1.2 MHz
Receiver Nrz Level	TTL
Receiver Nrz Impedance	high
Receiver Nrz Connector	BNC
Internal Clock	1.2 kHz
Patterns	PN9, PN15, and fixed 1010
Mains	100-120 VAC or 200-240 VAC
Dimensions	4 inHx 18 inWx 20 inDShip Weight Class: 30 lb class listing
Remote	GPIB standard
Data Rate	1.20 Mbps

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	
Technical Specifications	
PARAMETER	VALUE
Instrument Type	Error rate tester
Manufacturer	Anritsu
Clock Frequency Range	40 Hz to 1.2 MHz
Max Data Rate	1.20 Mbps
Transmitter External Clock Frequency	40 Hz to 1.2 MHz
Transmitter External Clock Level	TTL
Transmitter External Clock Impedance	high
Transmitter External Clock Connector	BNC
Transmitter Nr _z Frequency	40 Hz to 1.2 MHz
Transmitter Nr _z Level	TTL
Transmitter Nr _z Load	75 ohm
Transmitter Nr _z Connector	BNC
Receiver Nr _z Frequency	40 Hz to 1.2 MHz
Receiver Nr _z Level	TTL
Receiver Nr _z Impedance	high
Receiver Nr _z Connector	BNC
Internal Clock 1	100 Hz
Internal Clock 2	300 Hz
Internal Clock 3	600 Hz
Internal Clock 4	1.2 kHz
Internal Clock 5	2.4 kHz
Internal Clock 6	4.8 kHz
Internal Clock 7	8 kHz
Internal Clock 8	9.6 kHz
Internal Clock 9	16 kHz
Internal Clock 10	32 kHz

PARAMETER	VALUE
Patterns	PN9, PN15, and fixed 1010
Mains	100-120 VAC or 200-240 VAC
Dimensions	4 in H x 18 in W x 20 in D
Ship Weight Class	30 lb class listing
Remote	GPIO standard

Specifications

PARAMETER	VALUE
Instrument Type	Error rate tester
Manufacturer	Anritsu
Clock Frequency Range	40 Hz to 1.2 MHz
Max Data Rate	1.20 Mbps
Transmitter External Clock Frequency	40 Hz to 1.2 MHz
Transmitter External Clock Level	TTL
Transmitter External Clock Impedance	high
Transmitter External Clock Connector	BNC
Transmitter NRZ Frequency	40 Hz to 1.2 MHz
Transmitter NRZ Level	TTL
Transmitter NRZ Load	75 ohm
Transmitter NRZ Connector	BNC
Receiver NRZ Frequency	40 Hz to 1.2 MHz
Receiver NRZ Level	TTL
Receiver NRZ Impedance	high
Receiver NRZ Connector	BNC
Internal Clock 1	100 Hz
Internal Clock 2	300 Hz
Internal Clock 3	600 Hz
Internal Clock 4	1.2 kHz
Internal Clock 5	2.4 kHz
Internal Clock 6	4.8 kHz
Internal Clock 7	8 kHz
Internal Clock 8	9.6 kHz
Internal Clock 9	16 kHz

PARAMETER	VALUE
Internal Clock 10	32 kHz
Patterns	PN9, PN15, and fixed 1010
Mains	100-120 VAC or 200-240 VAC
Dimensions	4 inHx 18 inWx 20 inDShip Weight Class: 30 lb class listing
Remote	GPIO standard

Notes
Clock, TTL/75 ohm interface, internal-clock list, and mechanical rows from Anritsu MP1201C error-rate tester specification listings (ArtisanTG/BRL Test MP1201C tables). Confirm exact programmable-pattern depth on the MP1201C operation manual if a combined-channel mode is installed.

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>

NIST-traceable calibration · SAM registered ·
30-day returns
NAICS 423690 · 811210 · 541380
Generated August 15, 2026

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