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Find the *Anritsu MP1201C* at our website: ***Click HERE***

MP1201C

Error Rate Tester

40 Hz to 1.2 MHz



- **Bit error rate, and error pulse count measurement**
- **Pseudorandom (PN9, PN15) and fixed (1010··) pattern measurement**
- **Error insertion**
- **Auto sync on/off**
- **Printer output**

The MP1201C is a compact, easy-to-use tester operating at a clock frequency of 40 Hz to 1.2 MHz.
It is composed of a separate transmitter and receiver; the transmitter sends an M-series pseudorandom signal similar to that of an actual circuit. The receiver displays the error rate of measured signals using LEDs. A GPIB is provided as standard equipment.
In addition to measuring the reception sensitivity of digital radio systems, and the bit error rate of digital transmission systems, the MP1201C is ideal for system R&D, manufacturing and maintenance.

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Specifications

Transmitter	Internal clock output	Frequency: 100 Hz, 300 Hz, 600 Hz, 1.2 kHz, 2.4 kHz, 4.8 kHz, 8 kHz, 9.6 kHz, 16 kHz, 32 kHz Accuracy: ≤ ± 50 ppm
	External clock input	Frequency: 40 Hz to 1.2 MHz, Input level: TTL, Input impedance: High, Connector BNC
	Output pattern	Pseudorandom pattern: 2^9 –1 bits, 2^{15} –1 bits Fixed pattern: "1010··" repeat
	NRZ output (clock, pattern)	Frequency: 40 Hz to 1.2 MHz, Output level: TTL, Load: 75 Ω, Connector: BNC
	Pattern synchronization output	Output level: TTL, Load: 75 Ω, Connector: BNC
Receiver	NRZ input (clock, pattern)	Frequency: 40 Hz to 1.2 MHz, Input level: TTL, Input impedance: High, Connector: BNC
	Measurement pattern	Pseudorandom pattern: 2^9 –1 bits, 2^{15} –1 bits Fixed pattern: "1010··" repeat
	Error pulse detection method	Binary error: Comparison of bit pattern
	Error rate measurement	Display: 1 x 10^{-6} to 9.99 x 10^{-1} (LED: 3-digit mantissa and 1-digit exponent) Measurement time: 10^2, 2556, 10^4, 10^5, 10^6 bits Sample rate: 0.5 s, ∞
	Error count measurement	Display: 0 to 9.99 x 10^5 (LED: 3-digit mantissa and 1-digit exponent) Measurement time: Depends on start/stop switch
	Error pulse output	Code: RZ, Output level: TTL, Load: 75 Ω, Connector: BNC
	Pattern synchronization output	Output level: TTL, Load: 75 Ω, Connector: BNC
	Printer output	Error rate measurement: Output when measurement finished Error pulse measurement: Output when stop key pressed Output data format: Status information code, counting time code, and measured value (3-digit mantissa and 1-digit exponent)
Power		*1 Vac ± 10%, 50/60 Hz, ≤50 VA
Operating temperature		0° to 50°C
Dimensions and mass		426 (W) x 88 (H) x 451 (D) mm, <15 kg

*1: Specify one nominal line voltage between 100 and 240 V when ordering. Maximum operation voltage is 250 V.

Ordering information

Please specify model/order number, name and quantity when ordering.

Model/Order No.	Name	
	— Main frame —	
MP1201C	Error Rate Tester	
	— Standard accessories —	
J0133L	Coaxial cord, 3CA-P2･RG-55/U･3CA-P2, 2 m:	2 pcs
	Power cord, 2.6 m:	1 pc
F0006	Fuse, 0.63 A:	2 pcs
W0746AE	MP1201C operation manual:	1 copy
	— Application accessory —	
B0333A	Rack mount kit	

Anritsu

Specifications are subject to change without notice.

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Catalog No. MP1201C-E-A-1-(1.02) Printed in Japan 2001-7 10M

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