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Data Sheet

August 13, 2026

ANRITSU

Anritsu MT1810A Signal Quality Analyzer Chassis

Anritsu MT1810A Signal Quality Analyzer 4-Slot Chassis The Anritsu MT1810A is a compact 4-slot Signal Quality Analyzer Series chassis for manufacturing and production BER testing. It hosts PPG/ED plug-in modules (12.5G/14G and 28G/32G families with options) and is controlled from an external PC running MX180000A software over LAN or GPIB—no integrated display, reducing cost versus the MP1800A 6-slot analyzer. The Anritsu MT1810A is a compact 4-slot Signal Quality Analyzer Series chassis for manufacturing and production BER testing. It hosts PPG/ED plug-in modules (12.5G/14G and 28G/32G families with options) and is controlled from an external PC running MX180000A software over LAN or GPIB—no integrated display, reducing cost versus the MP1800A 6-slot analyzer.



MODEL

Anritsu MT1810A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MT1810A

LISTING

<https://aumictechlabs.com/products/mt1810a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MT1810A Signal Quality Analyzer Chassis is a modular mainframe for high-precision signal integrity testing in communication systems. This PC-controlled platform supports four slots for plug-in Pulse Pattern Generator (PPG) and Error Detector (ED) modules, delivering flexible signal quality analysis without integrated display or control electronics. Remote operation via external PC software and GPIB or LAN interfaces makes it ideal for R&D, production, and optical packet transmission environments.

Technical Specifications Slot Configuration Four-slot

mainframe for PPG and ED module installation Optional MT1810A-014: 2-slot configuration (up to two modules) Optional MT1810A-015: 4-slot configuration (up to four modules) Optional MT1810A-032: Enables 28 Gbit/s and 32 Gbit/s module control Module Support MU181020A/B: 12.5 Gbit/s Pulse Pattern Generator MU181040A/B: 12.5 Gbit/s Error Detector MU183020A: 28 Gbit/s and 32 Gbit/s PPG (with MT1810A-032) MU183040A: 28 Gbit/s and 32 Gbit/s ED (with MT1810A-032) Power Input AC voltage: 100 V to 120 V or 200 V to 240 V (auto-switching) Frequency: 47.5 Hz to 63 Hz Connection: 3-wire power cord with ground terminal Interfaces LAN: Two RJ45 Ethernet ports (10 BASE-T or 100 BASE-TX) GPIB: Optional remote control interface External display connectorKey Features Daisy-chain capability: Up to four MT1810A units controlled by single external PC MX180000A Signal Quality Analyzer Control Software integration Cost-optimized design eliminates built-in display and control circuits Wide AC input voltage range with automatic switchingCompatibility & Integration The MT1810A integrates with MX180000A control software via LAN or GPIB for centralized operation. Multiple chassis can be networked for expanded module capacity, supporting parallel testing of 12.5 Gbit/s or 28/32 Gbit/s signal paths.

Features & description

From manufacturer datasheet

Features

- 4 module installation slots
- External PC control via MX180000A
- Options for 2 or 4 PPG/ED control slots (-014/-015)
- Option 032 for 28G/32G PPG/ED support
- LAN (2 ports) and GPIB remote

Compatible with MU1810xx and MU1830xx module families

Applications

- Production-line high-speed BER testing
- Optical communications module device characterization
- Multi-channel PPG/ED synchronization setups
- Cost-reduced SQA mainframe with external PC GUI

MT1810A Characteristics / Specifications

PARAMETER	VALUE
Model	MT1810A
Manufacturer	Anritsu
Instrument Type	4-Slot Signal Quality Analyzer Chassis
Module Slots	4
Control Software	MX180000A Signal Quality Analyzer Control Software
Local Display	None (external PC)
Remote Interfaces	LAN (2 ports); GPIB
Example Modules	MU181020A/B PPG; MU181040A/B ED; MU183020A/21A PPG; MU183040A/41A ED
Power	100–120 / 200–240 Vac auto-switching; 47.5–63 Hz
Power Consumption	≤450 VA
Operating Temperature	+5 °C to +40 °C
Dimensions	350 mm W × 132.5 mm H × 400 mmD Mass: 13 kg max (without modules)
EMC	EN61326 Class A family
Standard Accessories Class	Power cable; LAN cable; wrist strap; front cover; software CD
Rack Option	B0587A rack mount kit
Blank Panel	B0576A Notes Specs from Anritsu MP1800A/MT1810A brochure and MT1810A operation overview. Confirm installed -014/-015/032 options and modules separately.

MT1810A Specifications

PARAMETER	VALUE
Key Features	- 4 module installation slots
Technical Specifications	Model: MT1810A
Notes	Specs from Anritsu MP1800A/MT1810A brochure and MT1810A operation overview. Confirm installed -014/-015/032 options and modules separately.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	+5 °C to +40 °C
Operating Temperature	+5 °C to +40 °C
Dimensions	350 mm W × 132.5 mm H × 400 mmDMass: 13 kg max (without modules)
EMC	EN61326 ClassAfamily
Standard Accessories Class	Power cable; LAN cable; wrist strap; front cover; software CD
Rack Option	B0587A rack mount kit
Blank Panel	B0576A Notes Specs from Anritsu MP1800A/MT1810A brochure and MT1810A operation overview. Confirm installed -014/-015/032 options and modules separately.

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
Example Modules	MU181020A/B PPG; MU181040A/B ED; MU183020A/21A PPG; MU183040A/41A ED
Power	100-120 / 200-240 Vac auto-switching; 47.5-63 Hz
Power Consumption	≤450 VA
Operating Temperature	+5 °C to +40 °C
Dimensions	350 mm W × 132.5 mm H × 400 mm D
Mass	13 kg max (without modules)
EMC	EN61326 Class A family
Standard Accessories Class	Power cable; LAN cable; wrist strap; front cover; software CD
Rack Option	B0587A rack mount kit
Blank Panel	B0576A
Specifications	
PARAMETER	VALUE
Model	MT1810A
Manufacturer	Anritsu
Instrument Type	4-Slot Signal Quality Analyzer Chassis
Module Slots	4
Control Software	MX180000A Signal Quality Analyzer Control Software
Local Display	None (external PC)
Remote Interfaces	LAN (2 ports); GPIB
Option MT1810A-014: Max 2 PPG and/or ED controllable	
Option MT1810A-015: Max 4 PPG and/or ED controllable	
Option 032: 32 Gbit/s PPG and/or ED support (MU1830xx)	
Specifications	
PARAMETER	VALUE
Example Modules	MU181020A/B PPG; MU181040A/B ED; MU183020A/21A PPG; MU183040A/41A ED
Power	100-120 / 200-240 Vac auto-switching; 47.5-63 Hz

PARAMETER	VALUE
Power Consumption	≤450 VA
Operating Temperature	+5 °C to +40 °C
Dimensions	350 mm W × 132.5 mm H × 400 mmD Mass: 13 kg max (without modules)
EMC	EN61326 Class A family
Standard Accessories Class	Power cable; LAN cable; wrist strap; front cover; software CD
Rack Option	B0587A rack mount kit
Blank Panel	B0576A

Notes

Specs from Anritsu MP1800A/MT1810A brochure and MT1810A operation overview. Confirm installed -014/-015/032 options and modules separately.

Ordering Information

OPTION	DESCRIPTION
Option 032	for 28G/32G PPG/ED support

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

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NIST-traceable calibration · SAM registered ·
30-day returns
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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.