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Data Sheet

August 14, 2026

ANRITSU

Anritsu MP1603A BERT System

Anritsu MP1603A 1/4 Demultiplexer for ME522A The Anritsu MP1603A is a 1/4 demultiplexer accessory used with the Anritsu ME522A bit error rate tester. Public reseller and calibration listings identify the unit as an ME522A-system demultiplexer for splitting a higher-rate serial stream into four parallel channels for error detection; detailed numeric tables are sparse in currently published web sources. Parallel BER analysis with ME522A when a 1/4 demultiplexed interface to the error detector is required. The Anritsu MP1603A is a 1/4 demultiplexer accessory used with the Anritsu ME522A bit error rate tester. Public reseller and calibration listings identify the unit as an ME522A-system demultiplexer for splitting a higher-rate serial stream into four parallel channels for error detection; detailed numeric tables are sparse in currently published web sources. Parallel BER analysis with ME522A when a 1/4 demultiplexed interface to the error detector is required. Legacy Anritsu communications test accessory



MODEL

Anritsu MP1603A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MP1603A

LISTING

<https://aumictechlabs.com/products/mp1603a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Anritsu MP1603A is a precision pulse pattern generator designed for telecommunications testing. This instrument is utilized to generate accurately timed digital signals for the evaluation of high-speed communication systems and devices, ensuring signal integrity and reliability within network infrastructure. Technical Specifications The Anritsu MP1603A is identified as a 1/4

Demultiplexer. It is noted for its use with the ME522A Error Rate Measurement System. While specific technical specifications such as output frequencies, data rates, jitter performance, or power requirements are not detailed in the provided search results, the product's function as a precision pulse pattern generator implies capabilities for generating complex digital signals with high temporal accuracy. Interfaces Information regarding the specific electrical interfaces, connectors, or data ports of the Anritsu MP1603A is not explicitly detailed in the provided search results. However, as a component within telecommunications testing systems, it would logically interface with other signal generation and analysis equipment. Documentation and Support Anritsu provides extensive documentation for its products, including the Anritsu MP1603A. User operating instruction manuals, datasheets, and other technical documentation are typically available through Anritsu's global download centers. These resources are essential for understanding product capabilities, installation, operation, and maintenance. Application Context The Anritsu MP1603A plays a role in testing high-speed digital systems. Anritsu's broader portfolio includes solutions for various high-speed digital applications, such as signal integrity analysis, and testing for standards like PCIe and Ethernet. The MP1603A, as a pulse pattern generator, would contribute to the characterization and validation of these high-speed interfaces by providing precisely timed digital signals for comprehensive performance evaluation. Why Choose Aumictech for Anritsu MP1603A? At Aumictech, we specialize in supplying high-end telecommunications test equipment. Whether you need precise signal generation for performance validation, solid solutions for high-speed digital system evaluation, or reliable components for network infrastructure testing, our team ensures the Anritsu MP1603A delivers maximum performance for your application.

MP1603A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	1/4 demultiplexer
Host Bert System	Anritsu ME522A bit error rate tester
Demultiplex Ratio	1 to 4
Output Channel Count Class	4 parallel channels
Function Class	Serial to parallel demultiplexing for BER analysis
Product Category	Communications test demultiplexer
Manufacturer	Anritsu
Series Context Class	Anritsu MP16xx demultiplexer accessories for BERT systems
Related Later Demux Class	MP1802A/MP1804A 43.5G 1×4 demultiplexers are later-generation Anritsu demux products (not drop-in identical)
Form Factor Class	Benchtop demultiplexer accessory
Interface Class	High-speed data and clock I/O class (confirm connectors on unit)
Clock Path Class	Clock input/output accompanying data demux class
Use Mode Class	Used as part of ME522A measurement setup not as standalone BERT
Calibration Service Class	Offered as demultiplexer by calibration labs
Operating Use	Optical/electrical communications BER setups with ME522A
Identity Verification	Model marked MP1603A on unit
Status Class	Legacy/discontinued communications test accessory class
Documentation Gap	Detailed frequency amplitude and jitter tables not located in current public OEM PDF mirrors
Demultiplexer Ratio Text	One to four
Host System Model	ME522A
Manufacturer Name	Anritsu
Product Name	MP1603A Demultiplexer

MP1603A Specifications

PARAMETER	VALUE
Anritsu MP1603A 1/4 Demultiplexer for ME522A	Overview
Applications	Parallel BER analysis with ME522A when a 1/4 demultiplexed interface to the error detector is required.
Key Features	1/4 demultiplexer architecture
Technical Specifications	Instrument Type: 1/4 demultiplexer

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	
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Instrument Type	1/4 demultiplexer
Host Bert System	Anritsu ME522A bit error rate tester
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Output Channel Count Class	4 parallel channels
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Documentation Gap	Detailed frequency amplitude and jitter tables not located in current public OEM PDF mirrors
Demultiplexer Ratio Text	One to four
Host System Model	ME522A
Manufacturer Name	Anritsu
Product Name	MP1603A Demultiplexer
Notes	
Verified public identity: Anritsu MP1603A is a 1/4 demultiplexer for the ME522A BERT (TestEquipmentConnection/NSCA listings). Numeric rate, amplitude, and jitter limits were not found	

inacurrently available OEM datasheet mirror; do not invent those values. Prefer the original Anritsu MP1603A/ME522A manuals and the unit faceplate for metrology limits.

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

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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.