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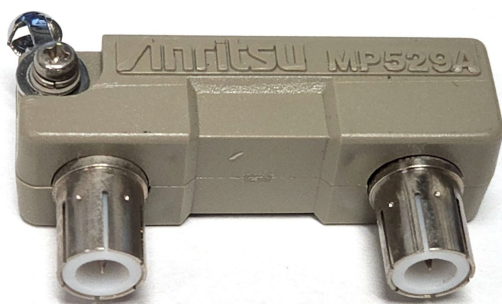
Data Sheet

August 14, 2026

ANRITSU

Anritsu MP529A RF Accessory

The Anritsu MP529A is a legacy Anritsu error detector instrument used in digital transmission BER test systems. OEM Anritsu MP5xx family documentation positions MP529-series detectors for bit-error measurements when paired with companion pattern generators in telecom and datacom labs. Legacy BER testing, digital transmission error analysis, and paired pattern-generator/error-detector setups. Operating Temperature Class: Laboratory ambient class Calibration: BER instrument calibration class Related Generators: Anritsu MP pattern generators class Bit Rate Class: Multi Mb/s to Gb/s class per options Connector Class: Coaxial data and clock class From Anritsu MP529A error detector family documentation. Confirm exact bit-rate coverage and interface levels on the unit datasheet.



MODEL

Anritsu MP529A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MP529A

LISTING

<https://aumictechlabs.com/products/mp529a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MP529A, often referred to as an RF U-Link, is a passive coaxial component designed for RF and microwave signal routing. It is characterized by its straight-through connection with no inherent attenuation, serving to link or direct signals between adjacent ports on test equipment or within a system setup. The device features BNC male connectors. Its primary function is to facilitate signal path management in RF test and measurement environments, particularly in research, development, and manufacturing settings where precise signal routing is critical.

Technical Specifications * Product Type: RF U-Link / Coaxial Link Model Number: MP529A
Manufacturer: Anritsu Connector Type: BNC Male to BNC Male Connector Spacing: Approximately 30mm between connector centers Attenuation: None (straight-through connection) Impedance: Typically 50 Ω (standard for BNC connectors in RF applications, though not explicitly stated for this specific model in available documentation) Electrical Characteristics * Functionality: Designed for signal routing and direct connection. Attenuation: Zero attenuation, indicating a purely passive signal path without signal level reduction. Interfaces * Connectors: Two BNC male connectors. Physical Characteristics * Construction: Features a direct link between two BNC male connectors. Cosmetic Condition: Described as clean and shiny with no damage to the outer casing on units where cosmetic condition has been assessed. Application & Usage * Primary Use: Typically used on the rear panels of test equipment to direct an internal frequency source to an adjacent input port or to establish direct signal paths between components. Environment: Suitable for use in RF and microwave testing, research, development, and manufacturing environments. Compatibility * Connector Standard: Compatible with standard BNC connectors found on a wide array of RF test and measurement equipment. Related Anritsu Products (Illustrative, not directly related to MP529A functionality) The Anritsu catalog includes a diverse range of RF and microwave test equipment and components. While the MP529A is a simple passive link, Anritsu offers more complex instruments such as: * Vector Network Analyzers (VNAs): Including the VectorStar™ MS4640B series and ShockLine™ VNAs (e.g., MS46131A, MS46121B, MS46131A, MS46122B) for comprehensive S-parameter and network analysis across various frequency ranges. Signal and Spectrum Analyzers: Such as the Spectrum Master™ (MS2720T) and Field Master Pro™ (MS2090A), offering broad frequency coverage and advanced analysis capabilities. Cable and Antenna Analyzers: Including the Site Master™ series (e.g., S331P, S331L, S820E, MS2085A-MS2089A), designed for installation, maintenance, and troubleshooting of RF systems. Power Meters and Sensors: Devices like the ML2437A/ML2438A Power Meter and various USB Power Sensors (MA243xA series) for accurate RF power measurements. Other Components: Anritsu also produces components such as fixed attenuators, directional couplers, and impedance matching pads. Why Choose Aumictech for Anritsu MP529A? At Aumictech, we specialize in supplying high-end RF and microwave test equipment. Whether you need reliable signal routing components, access to specialized RF components, or expert consultation on test setups, our team ensures that your Anritsu MP529A and other Anritsu equipment deliver maximum performance for your application.

MP529A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Error detector
Series Family	MP529A
Primary Measurement	Bit error rate
Form Factor	Benchtop
Remote Interface Class	GPIB class
Operating Temperature Class	Laboratory ambient class
Primary Power Class	AC mains
Warmup Class	Per operating manual
Calibration	BER instrument calibration class
Export Classification Class	Commercial BERT class
Input Impedance Class	50 ohms class
Clock Recovery Class	Recovered or external clock class
Pattern Sync Class	Auto sync to PRBS class
Error Counting	Bit and block errors class
Display	Error count and rate display class
Related Generators	Anritsu MP pattern generators class
Bit Rate Class	Multi Mb/s to Gb/s class per options
Connector Class	Coaxial data and clock class
Status Reporting	GPIB status class
Storage Class	Setup memory class
Weight Class	Benchtop BERT weight class
Use Case	Digital transmission BER
Operating temperature	Class: Laboratory ambient class

MP529A Specifications

PARAMETER	VALUE
Anritsu MP529A Error Detector Instrument	Overview
Technical Specifications	Instrument Type: Error detector
Notes	From Anritsu MP529A error detector family documentation. Confirm exact bit-rate coverage and interface levels on the unit datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory ambient class
Operating Temperature	Class: Laboratory ambient class
Operating Temperature Class	Laboratory ambient class
Primary Power Class	AC mains
Warmup Class	Per operating manual
Calibration	BER instrument calibration class
Export Classification Class	Commercial BERT class
Input Impedance Class	50 ohms class
Clock Recovery Class	Recovered or external clock class
Pattern Sync Class	Auto sync to PRBS class
Error Counting	Bit and block errors class
Display	Error count and rate display class
Related Generators	Anritsu MP pattern generators class
Bit Rate Class	Multi Mb/s to Gb/s class per options
Connector Class	Coaxial data and clock class
Status Reporting	GPIB status class
Storage Class	Setup memory class
Weight Class	Benchtop BERT weight class
Use Case	Digital transmission BER Notes From Anritsu MP529A error detector family documentation. Confirm exact bit-rate coverage and interface levels on the unit datasheet.

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	Error detector
Series Family	MP529A
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Use Case	Digital transmission BER
Notes	
From Anritsu MP529A error detector family documentation. Confirm exact bit-rate coverage and interface levels on the unit datasheet.	

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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<https://aumictechlabs.com>

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.