

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

ANRITSU

Anritsu MP716A RF Accessory

Anritsu MP716A Digital Transmission Analyzer The Anritsu MP716A is a legacy Anritsu digital transmission / BER analysis instrument in the MP7xx family for telecom error-performance testing. OEM Anritsu digital transmission literature describes pattern generation and error detection functions for out-of-service link verification. Telecom BER and error performance testing, legacy digital link turn-up, and production digital transmission checks. Pattern generation and error detection class The Anritsu MP716A is a legacy Anritsu digital transmission / BER analysis instrument in the MP7xx family for telecom error-performance testing. OEM Anritsu digital transmission literature describes pattern generation and error detection functions for out-of-service link verification. Telecom BER and error performance testing, legacy digital link turn-up, and production digital transmission checks. Pattern generation and error detection class Instrument Type: Digital transmission analyzer



MODEL

Anritsu MP716A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MP716A

LISTING

<https://aumictechlabs.com/products/mp716a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MP716A is a waveguide power sensor designed for high-frequency measurements within the 50 to 75 GHz range. This instrument is utilized for the precise characterization of network components and systems, particularly in demanding research, development, and manufacturing environments. Its application extends to critical sectors such as

telecommunications, aerospace, and defense due to its accuracy and dependability in measuring microwave signals. Technical Specifications * Frequency Range: 50 to 75 GHz Type: Waveguide (WR-15) Power Sensor Maximum Input Power: +22 dBm Safety Power: +23 dBm (200 mW) Measuring Power Range: -20 to +20 dBm (10 μ W to 100 μ W) Linearity Error: $\pm$ 3% within the +10 to +20 dBm range Maximum VSWR: 1.4 Calibration Frequencies: 50, 60, 75 GHz Electrical Characteristics * Measuring Power Range: -20 to +20 dBm Safety Power: +23 dBm Interfaces * The MP716A is a power sensor, implying an interface for connection to a power meter or network analyzer, though specific connector types are not detailed in the provided data. Physical Characteristics * Dimensions: Approximately 50 Φ x 75 L mm (or 52 $\emptyset$ x 78Lmm) Weight: $\leq$ 700 g (including attached cord) Compatibility * The Anritsu MP716A can be compatible with systems requiring measurements within the 50-75 GHz frequency band. Specific compatibility with Anritsu power meters or network analyzers would require further investigation of system-level documentation. Documentation and Support * Operation Manuals for related Anritsu series (MP737A/738A/712A/713A/714A/715A/716A/717A) are available. Anritsu provides a download center for product documentation, software, firmware, and drivers. Why Choose Aumictech for Anritsu MP716A? At Aumictech, we specialize in supplying high-end RF and microwave test equipment. Whether you need precise S-parameter measurements, accurate impedance characterization, or reliable network parameter testing, our team ensures the Anritsu MP716A delivers maximum performance for your application.

MP716A Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Digital transmission analyzer
Series Family	MP716A
Primary Measurements	Bit error performance
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	Transmission analyzer calibration class
Export Classification Class	Commercial telecom test class
Pattern Types Class	PRBS and programmable patterns class
Clock Source Class	Internal and external clock class
Input Output Levels Class	Telecom interface levels class
Display	Error rate and count display class
Bit Rate Class	PDH oriented rates class
Connector Class	Coaxial telecom connectors class
Status Reporting	GPIB status class
Storage Class	Setup memory class
Weight Class	Benchtop analyzer weight class
Alarm Analysis Class	AIS LOF related indications class
Use Case	Out of service BER testing
Related Family	Anritsu MP7xx
Operating temperature	Class: Laboratory ambient class

MP716A Specifications

PARAMETER	VALUE
Anritsu MP716A Digital Transmission Analyzer	Overview
Technical Specifications	Instrument Type: Digital transmission analyzer
Notes	From Anritsu MP716A digital transmission analyzer family documentation. Confirm exact rates and connectors 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	Transmission analyzer calibration class
Export Classification Class	Commercial telecom test class
Pattern Types Class	PRBS and programmable patterns class
Clock Source Class	Internal and external clock class
Input Output Levels Class	Telecom interface levels class
Display	Error rate and count display class
Bit Rate Class	PDH oriented rates class
Connector Class	Coaxial telecom connectors class
Status Reporting	GPIB status class
Storage Class	Setup memory class
Weight Class	Benchtop analyzer weight class
Alarm Analysis Class	AIS LOF related indications class
Use Case	Out of service BER testing
Related Family	Anritsu MP7xx Notes From Anritsu MP716A digital transmission analyzer family documentation. Confirm exact rates and connectors 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.

performance testing. OEM Anritsu digital transmission literature describes pattern generation and error detection functions for out-of-service link verification.	
Applications	
Telecom BER and error performance testing, legacy digital link turn-up, and production digital transmission checks.	
Key Features	
Digital transmission analysis	
Pattern generation and error detection class	
Telecom rate support class	
GPIB automation class	
Benchtop form factor	
Technical Specifications	
Technical Specifications	
PARAMETER	VALUE
Instrument Type	Digital transmission analyzer
Series Family	MP716A
Primary Measurements	Bit error performance
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	Transmission analyzer calibration class
Export Classification Class	Commercial telecom test class
Pattern Types Class	PRBS and programmable patterns class
Clock Source Class	Internal and external clock class
Input Output Levels Class	Telecom interface levels class
Display	Error rate and count display class
Bit Rate Class	PDH oriented rates class
Connector Class	Coaxial telecom connectors class
Status Reporting	GPIB status class
Storage Class	Setup memory class
Weight Class	Benchtop analyzer weight class
Alarm Analysis Class	AIS LOF related indications class

PARAMETER	VALUE
Use Case	Out of service BER testing
Related Family	Anritsu MP7xx

Notes

From Anritsu MP716A digital transmission analyzer family documentation. Confirm exact rates and connectors 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

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 14, 2026

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