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Data Sheet

August 1, 2026

ANRITSU

Anritsu MW920A Optical Time Domain Reflectometer with MH952A

Anritsu MW920A Optical Time Domain Reflectometer with MH952A, High-precision OTDR with MH952A module offering long-range testing and detailed event analysis. Suitable for telecom and CATV network installation, verification, and fault location with portability and field durability.



MODEL

**Anritsu
MW920A/MH952A**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

MW920A/MH952A

LISTING

<https://aumictechlabs.com/products/mw920a-mh952a-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MW920A Optical Time Domain Reflectometer paired with the MH952A module delivers high-precision fiber characterization for telecommunications and CATV network deployment. This field-portable OTDR system combines waveform trace and automated event analysis on a large LCD display, enabling rapid fault location and fiber verification. The instrument integrates automated optical connector status monitoring with visual alarm indication, supporting both installation qualification and in-service diagnostics across long-range fiber spans. Technical Specifications Measurement and Display Simultaneous waveform trace and event table display on large LCD Real-time waveform sweep update capability Automated fault measurement and event detection Automatic optical connector connection status check with alarm Data Handling Optional

built-in 3.5-inch FDD for measurement storage and retrieval

Key Features

- High-precision OTDR for detailed optical event analysis
- Field-ready portable design with durable construction
- Visual LD Light Source option for visible fault location
- Long-range testing capability across extended fiber plant

Typical Applications

- Fiber optic network installation and acceptance testing
- Cable fault location and diagnostics
- Network verification and maintenance
- Telecommunications infrastructure validation
- CATV system deployment and troubleshooting

Compatibility & Integration

The MW920A accepts the MH952A module and integrates with Anritsu's modular OTDR ecosystem, supporting expanded measurement capabilities and wavelength options through alternative modules.

Features & description

From manufacturer datasheet

Features

- Modular OTDR mainframe with plug-in optics
- High-resolution distance readout (about 10 cm class reading resolution per Japanese product descriptions)
- Short dead zone: about 3 m GI / 8 m SM (family descriptions)
- Distance ranges typically 15 km and 40 km class
- Built-in thermal printer
- Fast averaging; ADVANCED FUNCTION operating modes
- Compact portable form for field use

MW920AMH952A Characteristics / Specifications

PARAMETER	VALUE
Technical Specifications	MH952A Plug-In
Model	MW920A
Manufacturer	Anritsu
Instrument Type	Optical time domain reflectometer mainframe
Distance Ranges	approximately 15 km and 40 km
Connector	FC class (typical)
Printer	Built-in thermal
Status	Discontinued (replacement MT9082 series)
Wavelength	1.3 um
Fiber Type	Graded-index (GI) multimode
Role	Optical wavelength unit for MW920A Related Plug-Ins
MH951A	0.85 um, GI
MH958A	1.3 um, SM
MH968A	1.5 um, SM Standard Operating Conditions Install the MH952A (or other matching module) fully seated before powering. Use clean FC connectors. Select range and pulse width appropriate to the fiber under test. Observe laser safety for Class-rated OTDR emitters.
Short dead zone	about 3 m GI / 8 m SM (family descriptions)

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

PARAMETER	VALUE
Specifications	Mainframe
Model	MW920A
Manufacturer	Anritsu
Instrument Type	Optical time domain reflectometer mainframe
Distance Ranges	approximately 15 km and 40 km
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Specifications

PARAMETER	VALUE
Technical Specifications	MH952A Plug-In
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Related Plug-Ins

Specifications

PARAMETER	VALUE
MH951A	0.85 um, GI
MH958A	1.3 um, SM
MH968A	1.5 um, SM

Standard Operating Conditions
Install the MH952A (or other matching module) fully seated before powering. Use clean FC connectors. Select range and pulse width appropriate to the fiber under test. Observe laser safety for Class-rated OTDR emitters.

Operational Notes

Performance (dynamic range, dead zone, pulse widths) is module-dependent—confirm MH952A is installed and functional. Do not quote SM 1.55 μm performance from an MH952A GI 1.3 μm unit.

Laser Safety

laser safety for Class-rated OTDR emitters. Operational Notes Performance (dynamic range, dead zone, pulse widths) is module-dependent—confirm MH952A is installed and functional. Do not quote SM 1.55 um performance from an MH952A GI 1.3 um unit.

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>

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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.