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Data Sheet

August 14, 2026

ANRITSU

Anritsu MS9715M

Anritsu MS9715M Optical Spectrum Analyzer Module The Anritsu MS9715M is an optical spectrum analyzer module related to the MS9710/MS9700 diffraction-grating OSA family for modular optical spectrum measurements. OEM MS9710-family tables publish wide wavelength coverage, fine RBW settings, and high dynamic range for WDM analysis; model-specific rows should be confirmed on the unit datasheet. DWDM channel analysis, laser spectra, EDFA measurements, and optical component qualification. Wavelength Range Class: 600 to 1750 nm class family coverage The Anritsu MS9715M is an optical spectrum analyzer module related to the MS9710/MS9700 diffraction-grating OSA family for modular optical spectrum measurements. OEM MS9710-family tables publish wide wavelength coverage, fine RBW settings, and high dynamic range for WDM analysis; model-specific rows should be confirmed on the unit datasheet. DWDM channel analysis, laser spectra, EDFA measurements, and optical component qualification. Wavelength Range Class: 600 to 1750 nm class family coverage Wavelength Accuracy Class: plus or minus 20 pm class in C-band (family)



MODEL

Anritsu MS9715M

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

MS9715M

LISTING

<https://aumictechlabs.com/products/ms9715m-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu MS9715M is a optical spectrum analyzer for precise characterization of optical devices and systems in R&D and manufacturing environments. It covers the C-band window

(1460–1650 nm) with ± 50 pm wavelength accuracy and ± 0.4 dB level accuracy, delivering 53 dB dynamic range and 0.1 nm noise resolution. The instrument measures wavelength, optical power, OSNR, channel spacing, gain tilt, gain slope, and full spectrum profiles - essential for WDM system validation and DWDM network monitoring. An internal standard light source enables automatic wavelength calibration to compensate for temperature drift. Dual measurement modes support real-time spectrum analysis and long-term system surveillance, with capacity to log 1000 measurement sets per session. The zoom marker and guide spectrum features enable rapid identification of specific channels across dense wavelength grids. A standard LabVIEW driver facilitates remote control and automated test sequences. Windows-compatible floppy disk storage is built in for data archiving and transfer. The compact, lightweight design withstands operational vibration and shock. Operating window is 0–30 °C for specified measurement accuracy.

Features & description

From manufacturer datasheet

Polarization Dependency Class: plus or minus 0.05 to 0.1 dB class family

Optical Return Loss Class: greater than or equal to 35 dB class Sweep Width Class: up to 1200 nm class Display Class: color TFT OSA display Interfaces Class: GPIB RS-232 Applicable Fiber Class: SMF 10/125 um Operating Temperature Class: 0 to 50 C class Power Class: AC mains OSA Form Factor: benchtop OSA / module per model Analysis Functions: SMSR WDM OSNR class Brand: Anritsu Series Family: MS9700 / MS9710 Level Sensitivity Class: high-sensitivity photodetector path Level Accuracy Class: calibrated optical level accuracy Sweep Modes: continuous and single Calibration: wavelength and level calibration support Faceplate Confirm Class: confirm exact model row on unit datasheet Notes From Anritsu MS9710/MS9700 family OSA literature. Model-specific accuracy and dynamic-range deltas belong on the exact model datasheet.

MS9715M Characteristics / Specifications

PARAMETER	VALUE
Wavelength Range Class	600 to 1750 nm class family coverage
Wavelength Accuracy Class	plus or minus 20 pm class in C-band (family)
Resolution Settings Class	0.05 to 1.0 nm class family
Dynamic Range High Mode Class	70 dB at 1 nm from peak class family
Polarization Dependency Class	plus or minus 0.05 to 0.1 dB class family
Optical Return Loss Class	greater than or equal to 35 dB class
Sweep Width Class	up to 1200 nm class
Display Class	color TFT OSA display
Interfaces Class	GPIB RS-232
Applicable Fiber Class	SMF 10/125 um
Operating Temperature Class	0 to 50 C class
Power Class	AC mains OSA
Form Factor	benchtop OSA / module per model
Analysis Functions	SMSR WDM OSNR class
Brand	Anritsu
Series Family	MS9700 / MS9710
Level Sensitivity Class	high-sensitivity photodetector path
Level Accuracy Class	calibrated optical level accuracy
Sweep Modes	continuous and single
Calibration	wavelength and level calibration support
Faceplate Confirm Class	confirm exact model row on unit datasheet
Wavelength range	Class: 600 to 1750 nm class family coverage
Optical Return Loss	Class: greater than or equal to 35 dB class
Operating temperature	Class: 0 to 50 C class
Return loss	Class: greater than or equal to 35 dB class

MS9715M Specifications

PARAMETER	VALUE
Anritsu MS9715M Optical Spectrum Analyzer Module	Overview
Technical Specifications	Wavelength Range Class: 600 to 1750 nm class family coverage
Notes	From Anritsu MS9710/MS9700 family OSA literature. Model-specific accuracy and dynamic-range deltas belong on the exact model datasheet.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: 0 to 50 C class
Operating Temperature	Class: 0 to 50 C class
Operating Temperature Class	0 to 50 C class
Power Class	AC mains OSA
Form Factor	benchtop OSA / module per model
Analysis Functions	SMSR WDM OSNR class
Brand	Anritsu
Series Family	MS9700 / MS9710
Level Sensitivity Class	high-sensitivity photodetector path
Level Accuracy Class	calibrated optical level accuracy
Sweep Modes	continuous and single
Calibration	wavelength and level calibration support
Faceplate Confirm Class	confirm exact model row on unit datasheet Notes From Anritsu MS9710/MS9700 family OSA literature. Model-specific accuracy and dynamic-range deltas belong on the exact model 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	
Specifications	
PARAMETER	VALUE
Wavelength Range Class	600 to 1750 nm class family coverage
Wavelength Accuracy Class	plus or minus 20 pm class in C-band (family)
Resolution Settings Class	0.05 to 1.0 nm class family
Dynamic Range High Mode Class	70 dB at 1 nm from peak class family
Dynamic Range Close-In Class: 42 dB at 0.2 nm from peak class family	
Specifications	
PARAMETER	VALUE
Polarization Dependency Class	plus or minus 0.05 to 0.1 dB class family
Optical Return Loss Class	greater than or equal to 35 dB class
Sweep Width Class	up to 1200 nm class
Display Class	color TFT OSA display
Interfaces Class	GPIO RS-232
Applicable Fiber Class	SMF 10/125 um
Operating Temperature Class	0 to 50 C class
Power Class	AC mains OSA
Form Factor	benchtop OSA / module per model
Analysis Functions	SMSR WDM OSNR class
Brand	Anritsu
Series Family	MS9700 / MS9710
Level Sensitivity Class	high-sensitivity photodetector path
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Sweep Modes	continuous and single
Calibration	wavelength and level calibration support
Faceplate Confirm Class	confirm exact model row on unit datasheet
Notes	
From Anritsu MS9710/MS9700 family OSA literature. Model-specific accuracy and dynamic-range deltas belong on	

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