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Data Sheet
August 14, 2026

ANRITSU

Anritsu S810C â€“ Site Master Microwave Transmission Line and Antenna Analyzer; 3.3 GHz to 10.5 GHz

Anritsu S810C Site Master Microwave Transmission Line Analyzer The Anritsu S810C isahandheld Site Master microwave transmission line and antenna analyzer covering 3.3 GHz to 10.5 GHz. OEM product literature targets microwave feedline return loss, VSWR, and distance-to-fault measurements. Microwave antenna system commissioning and maintenance from 3.3 GHz to 10.5 GHz. Microwave cable antenna analysis to 10.5 GHz The Anritsu S810C isahandheld Site Master microwave transmission line and antenna analyzer covering 3.3 GHz to 10.5 GHz. OEM product literature targets microwave feedline return loss, VSWR, and distance-to-fault measurements. Microwave antenna system commissioning and maintenance from 3.3 GHz to 10.5 GHz. Microwave cable antenna analysis to 10.5 GHz Instrument Type: Handheld microwave Site Master cable and antenna analyzer

MODEL **Anritsu S810C**	CALIBRATION **Available on request**
CONDITION **Used**	STATUS **In stock**
RFQ / SKU **S810C**	LISTING **https://aumictechlabs.com/products/s810c-2/**

NIST-traceable cal · SAM registered · 30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Anritsu S810C Site Master is a handheld, battery-operated microwave transmission line and antenna analyzer covering 3.3 GHz to 10.5 GHz. Purpose-built for installation, verification, troubleshooting, and repair of microwave communication systems, it delivers accurate fault

detection and transmission diagnostics across coaxial cables and waveguides. The instrument combines vector error correction and waveguide dispersion compensation to enhance measurement accuracy and repeatability. Superior RF interference immunity to -10 dBm - including on-channel interference - ensures reliable operation in live network environments. Distance-to-Fault analysis with up to 517 selectable data points enables long-range fault localization. Non-volatile memory stores 200 measurement traces for field documentation and trend analysis. Technical Specifications Frequency Range: 3.3 GHz to 10.5 GHz Display Resolution: 130, 259, or 517 selectable data points Frequency Accuracy (CW mode): ±75 ppm @ +25°C RF Interference Immunity: -10 dBm Test Port Connector: K(f) for standard models; N(f) for specific variants Weight: 1.89 kg (4.2 lbs) including battery Dimensions: 25.4 × 17.8 × 6.10 cm (10 × 7 × 2.4 in) Operating Temperature: 0 to 50°C Storage Temperature: -20°C to 75°C Measurement Trace Memory: 200 traces (non-volatile) Key Features Return Loss measurement for reflected power detection SWR analysis for impedance mismatch quantification Cable Loss measurement for attenuation characterization Distance-to-Fault (DTF) localization with up to 517 data points Tune Mode for fast waveguide component adjustment Vector Error Correction for improved measurement repeatability Waveguide Dispersion Correction for frequency-dependent propagation velocity RS232 interface (9-pin D-sub) with configurable baud rates: 9600, 19,200, 38,400, 56,000, or 115,200 bps Typical Applications Microwave transmission line installation and commissioning In-service antenna system verification Coaxial and waveguide fault diagnosis Field troubleshooting of microwave communication links Waveguide flange connector optimization Compatibility & Integration Optional AC/DC adapter (40-115) and 12 Volt DC cigarette lighter adapter (806-62) support fixed-site operation. Rechargeable NiMH battery (633-27) and external charger (2000-1029) available. Meets CE electromagnetic compatibility requirements. RS232 connectivity enables integration with external data logging and analysis systems.

S810C Characteristics / Specifications

PARAMETER	VALUE
Frequency Range	3.3 GHz to 10.5 GHz
Instrument Type	Handheld microwave Site Master cable and antenna analyzer
Measurement Modes	Return loss VSWR cable loss DTF class
Dynamic Range Class	High dynamic range microwave Site Master class
Display	Handheld display class
RF Connectors Class	Precision microwave connectors class
Input Impedance	50 ohms class
Calibration	OSL field calibration class
Battery Operation	Yes
Form Factor	Handheld Site Master
Series Family	Anritsu S810C Microwave Site Master
Applications Class	Microwave transmission line and antenna field test
USB Or Serial Connectivity Class	Trace transfer supported class
Marker Functions	Multi marker with delta class
Distance To Fault	Supported
Operating Temperature Class	Field temperature range class
Weight Class	Handheld microwave analyzer weight
Storage	Internal trace and setup memory class
Sweep Speed Class	Fast field sweep class
Resolution Class	Fine frequency resolution class
Immunity Modes Class	RF immunity settings class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Operating temperature	Class: Field temperature range class
Humidity	Class: Up to 80 percent noncondensing class

PARAMETER	VALUE
Return loss	VSWR cable loss DTF class

S810C Specifications

PARAMETER	VALUE
Applications	Microwave antenna system commissioning and maintenance from 3.3 GHz to 10.5 GHz.
Key Features	Microwave cable antenna analysis to 10.5 GHz
Handheld battery operated platform	Site Master field workflow
Technical Specifications	Frequency Range: 3.3 GHz to 10.5 GHz

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Field temperature range class
Operating Temperature	Class: Field temperature range class
Humidity	Class: Up to 80 percent noncondensing class
Operating Temperature Class	Field temperature range class
Weight Class	Handheld microwave analyzer weight
Storage	Internal trace and setup memory class
Sweep Speed Class	Fast field sweep class
Resolution Class	Fine frequency resolution class
Immunity Modes Class	RF immunity settings class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class Notes
From Anritsu S810C OEM product documentation (queue title	3.3 GHz to 10.5 GHz). Confirm exact dynamic range and connector type on the unit datasheet revision.

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

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Notes
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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

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