



BORDAR MABNA CO,SA
Surveying, Hydrography, TELECOM & GPS Equipment's

REF:
SITE-98-11

با نام خدا

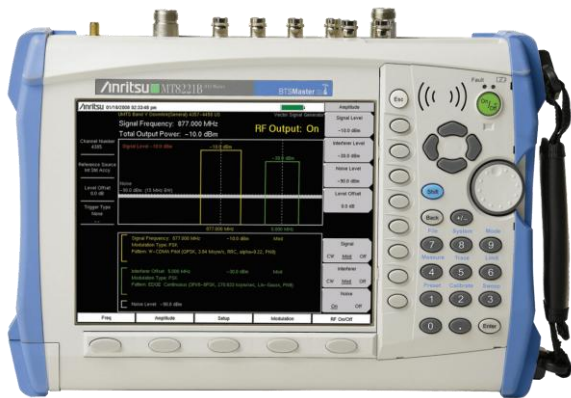
لیست قیمت و مشخصات فنی اسپکتروم آنالایزر
N 35°42'35.7" E 051°24'24.9"

شرکت بردار مابنا (سهامی خاص)
تجهیزات مخابراتی، نقشه برداری، فتوگرامتری، هیدروگراف- GPS
BIRD GARMIN Anritsu Rosenberger

شرکت بردار مابنا، وارد کننده رسمی سایت مستر های ارجینال از ANRITSU , BIRD , JDSU , PROTEK با خدمات پس از فروش برتر

BTS MASTER MT8221B ANRITSU

OPTIONS:10-25-27-31-33-34-42-43-62-63-541-542-546



- The BTS Master MT8221B has a frequency range of 400 MHz to 4.0 GHz Cable and Antenna Analyzer, 150 kHz to 7.1 GHz Spectrum Analyzer, and 10 MHz to 7.1 GHz Power Meter. It was designed to support 4G standards and installed 2G/3G networks. The MT8221B's platform provides a 20 MHz demodulation capability to support LTE bandwidths from 1.4 to 20 MHz. It also features a 30 MHz Zero-Span IF Output for external demodulation.
- MT8221B measurement capability includes precision return loss, VSWR, cable loss, distance-to-fault, signal identification, interference analysis, channel power, adjacent channel power ratio, field strength, transmitter power, code domain power (CDP), burst power, iDEN Constellation, two port measurement, multiple transmitted signals, power measurement, and T1/E1 measurements including DS0/VF channel monitoring. Patented RF interference rejection enables accurate, repeatable measurements in the presence of high RF activity. PC data analysis software enables assessment of system trends, problems, and performance in addition to professional report generation

تعلقات همراه استاندارد Standard Accessories

Include:

BTS MASTER MT8221B
Handheld Software Tools CDROM
Usb Interface Cable-Aluminum carrying case
One Year Warranty

تماس بگیرید

کد سفارش: ۱۱۴۰-۹۰



Cell Master8212B Handheld Cable, Antenna and Base Station Analyzer

OPTIONS:21-25-27-28-31-33-34-42-43-62-63



Cell Master MT8212B is the value choice for deploying, maintaining and troubleshooting wireless base stations. Compact, handheld and lightweight.



For network installation and maintenance, Cell Master MT8212B eliminates the need for field engineers and field technicians to carry, manage and learn multiple test sets. It includes transmitter analyzer (GSM, CDMA, cdmaOne, CDMA2000 1xRTT, and CDMA2000 1xEV-DO, and iDEN), transmission analyzer for 2-port devices, interference analyzer, channel scanner, GPS receiver, GPS Antenna Tester, CW signal generator (tests LNAs, repeaters or base station receiver sensitivity), and T1/E1 analyzer.

MT8212B measurement capability includes precision return loss, VSWR, cable loss, distance-to-fault, signal identification, interference analysis, channel power, adjacent channel power ratio, field strength, transmitter power, code domain power (CDP), burst power, iDEN Constellation, two port measurement, multiple transmitted signals, power measurement, and T1/E1 measurements including DS0/VF channel monitoring. Patented RF interference rejection enables accurate, repeatable measurements in the presence of high RF activity. PC data analysis software enables assessment of system trends, problems, and performance in addition to professional report generation

متعلقات همراه استاندارد:

Cell master 8212B User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC Adapter
Serial Interface Cable
One Year Warranty + گواهینامه کالیبراسیون

تماس بگیرید

کد سفارش: ۱۳۸۲-۹۰



شرکت بردار مابنا، مرکز تخصصی فروش، خدمات پس از فروش، اجاره و کالیبراسیون سایت مسترهای مخابراتی از کمپانیهای معتبر دنیا ANRITSU, BIRD, JDSU, PROTEK



Gencomm GC7105B Base Station Analyzer

Options: E1 /t1 / GPS/ Spectrum Analyzer

The Base Station Analyzer GC7105B is the optimal test tool for installation and maintenance of cell sites. The GC7105B contains all the features and capabilities required to perform field testing of cell sites of all wireless technologies, from 2G to 4G. The GC7105B includes all measurements required to properly characterize the cell site infrastructure and verify the overall base station performance. Its new platform extends its spectrum analysis frequency range while increasing sensitivity, dynamic range and improving measurement speed.

- Spectrum Analyzer
- Channel Scanner
- Signal Analyzer
- Interference Analyzer
- Antenna & Cable Analyzer
- Power Measurement
- E1/T1 Analyzer
- Over the Air Measurements

Auto-measurement capability

متعلقات همراه استاندارد:

Spectrum Gec comm. Gc7105B User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC Adapter
Serial Interface Cable

گواهینامه کالیبراسیون + One Year Warranty

تماس بگیرید

کد سفارش: ۱۳۹۱-۹۰



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Anritsu MS2711D Spectrum Master Handheld

Anritsu

- Frequency range: 100 kHz-3 GHz
- Handheld, battery-operated design
- Built in pre-amplifier (standard)
- Noise Level: < -135 dBm typical (preamp on)
- Quick Zoom-in, Zoom-out display in 1-2-5 sequence
- RBWs: 100 Hz to 1 MHz in 1-3 sequence; VBWs: 3 Hz to 1 MHz in 1-3 sequence
- Automatic, manual, and dynamic attenuator control; Amplitude Accuracy +/- 0.5 dB typical
- Dedicated smart measurements, Trace Averaging, Reference Level Offset, Trace Overlay
- Multilingual User Interface (English, Chinese, French, German, Japanese, Spanish)
- Store up to 15 measurement test set-ups and save up to 200 measurement traces
- Alphanumeric labeling of saved measurements and Automatic time and date stamp of saved data
- Rechargeable/field-replaceable battery
- 6 Markers, limit lines and segmented limit lines
- 50-ohm Interface standard (75-ohm interface capability - instrument internally corrects for adapter loss)
- RS232 Interface
- Built in AM, FM and SSB demodulation

Covering the 100 kHz to 3.0 GHz frequency range, with a built in standard pre-amplifier, the Anritsu MS2711D handheld spectrum analyzer is the proven solution for installing, provisioning, maintaining and troubleshooting wireless systems and RF frequency spectrum interference issues. This portable spectrum analyzer features a built-in standard preamplifier in a compact, handheld design that can go "anywhere, anytime" with no backpack required. Ideal for field environments and applications that require mobility, such as site surveys and on-site system testing

متعلقات همراه استاندارد:

Standard Accessories Include:
Spectrum MS2721B User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC Adapter
Serial Interface Cable

گواهینامه کالیبراسیون + One Year Warranty

تماس بگیرید

کد سفارش: ۹۷۹-۹۰



Aronia SPECTRAN HF-6065 V4

RF frequency range: 10MHz to 6GHz
DANL: -135dBm(1Hz)
Max. power at RF input: +10dBm
Lowest sample time: 10mS
Resolution (RBW): 3kHz to 50MHz
Units: dBm, dBμV, V/m, A/m, W/m² (dBμV/m, W/cm² etc. via PC software)
Detectors: RMS, Min/Max
Demodulator: AM, FM
Input: 50 Ohm SMA RF-input (f)
Accuracy: +/- 2dB (typ.)
Interface: USB 2.0/1.1
Low noise pre-amplifier included
Dimensions (L/W/D): 250x86x27 mm

RF exposure limit calculation and display according to DIN/VDE 0848
Up to 100x faster sample time as V3 units
Up to 60dB higher sensitivity as V3 units
14Bit Dual-ADC
DDC Hardware-Filter
150 MIPS DSP (CPU)
Data Logger (64K), expandable to 1MB (Option 001)
Enhanced and much sharper LCD display (compared to V3 units)
Simultaneously displays frequency and signal strength
Real-time remote control via USB
Large, high resolution multifunction LCD
Vector (I/Q) measurement
DECT & Time Slot analyzer
Real-time RF Peak Power Detector (option)/ Hold function
Included EMC directional antenna HyperLOG 7060
Free MAC OS, Linux and Windows analyzer software

متعلقات همراه استاندارد:

Spectrum Aronia hf6065 User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
/12 Volt DC Adapter
Usb Interface Cable-Aluminum carrying case
One Year Warranty

تماس بگیرید

کد سفارش: ۹۰-۱۱۴۰



Antenna Aaronia HyperLOG 4040 X

آنتن Directional قابل استفاده برای تمام مدل های اسپکتروم آنالایزر

- **Compatible with any Spectrum Analyzer brand**
- **Design:** ACTIVE directional Logarithmic-periodic
- **Frequency range:** 400MHz to 4GHz
- **Nominal impedance:** 50 Ohm
- **VSWR:** <1:2 (typ.)
- **Gain:** 44dBi (typ.)
- **Antenna factor:** See data sheet graph
- **RF connection:** SMA (f) or N (see optional adapter)
- **Tripod connection:** 1/4"
- **Interface:** USB 2.0/1.1
- **Calibration points:** 361 (10MHz-steps)
- **Dimensions (L/W/D):** 590x360x30 mm
- **Weight:** 1400gr

Highlights:

- Ultra high gain for detecting even lowest RF sources
- Integrated Low Noise Preamplifier incl. LiPo battery
- Runs with battery or external power supply (included)
- Integrated calibration data on EEprom (readout via USB)
- Additional standard calibration data (on CD)
- Special designed radome for perfect antenna protection
- Gold coating for stable performance
- Wide bandwidth
- Coverage of various mobile radio frequency ranges
- Suitable for field-strength and EMC measurements due to high precision
- Compact and sturdy design
- Can be used in the lab and for open-field application

منعقات همراه استاندارد: Standard Accessories Include:
Aaronia Antenna 4040x
Handheld Software Tools CDROM
Tripod/SMA Connector
Usb Interface Cable-Aluminum carrying case
One Year Warranty

تماس بگیرید

کد سفارش: ۹۰-۱۱۴۰



Anritsu ML8720B W-CDMA AREA TESTER

Anritsu

The ML8720B is used for investigation and maintenance to evaluate the radio wave propagation characteristics in the area of a W-CDMA base station. When it is connected to a GPS receiver, the measured data can be correlated with positioning information (latitude and longitude).

The measurement items include functions for measuring the RSCP 1 , Ec/No and SIR 2 , which is used to evaluate the strength of the radio wave received from each base station; and the delay profile, which is used to evaluate the delay characteristics of the radio wave caused by multipath propagation.

Features

- High-speed and high-accuracy area analysis
- Correlation with GPS positioning data
- Master/slave mode
- 3-hour battery operation
- Large-capacity memory cards

متعلقات همراه استاندارد :

Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC Adapter
Serial Interface Cable

گواهینامه کالیبراسیون

تماس بگیرید

کد سفارش :



BORDAR MABNA CO,SA
Surveying, Hydrography, TELECOM & GPS Equipment's

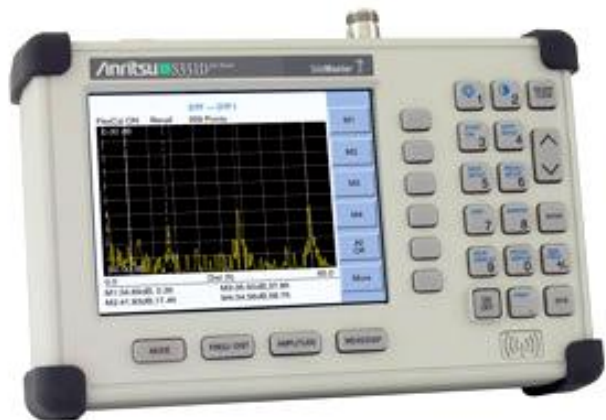
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با نام خدا

لیست قیمت و مشخصات فنی اسپکتروم آنالایزر
N 35°42'35.7" E 051°24'24.9"

شرکت بردار مینا (سهامی خاص)

تجهیزات مخابراتی، نقشه برداری، فتوگرامتری، هیدروگراف - GPS
BIRD GARMIN Anritsu Rosenberger



ANRITSU SITE MASTER Cable and Antenna Analyzer S332D

سایت مستر 3/ S332D با اسپکتروم آنالایزر صفحه تمام رنگی محصول 2013 بسیار مقاوم!

- **Frequency Range: 25 MHz to 4.0 GHz**
- Frequency Accuracy: ± 75 ppm @ +25°C
- **Spectrum Analyzer, 100 kHz to 3 GHz**
- Frequency Resolution: 100 kHz
- Output Power: <0 dBm (-10 dBm nominal)
- Immunity to Interfering Signals: On-channel: +17 dBm
- On-frequency: -5 dBm
- Measurement Speed: ≈ 3.5 m sec / data point (CW ON)
- Number of Data Points: 130, 259, 517
- **Return Loss:** Range: 0.00 to 60.00 dB
- Resolution: 0.01 dB
- **VSWR: Range:** 1.00 to 65.00
- Resolution: 0.01
- Cable Loss: Range: 0.00 to 30.00 dB
- Resolution: 0.01 dB
- Measurement Accuracy: >42 dB corrected directivity after calibration
- **Distance-to-Fault:**
- Vertical Range: Return Loss: 0.00 to 60.00 dB
- VSWR 1.00 to 65.00
- Horizontal Range: 0 to (# of data pts -1) x
- Resolution to a maximum of 1197m (3929 ft),
- # of data pts = 130, 259 or 517
- Horizontal Resolution (Rectangular Windowing): C
- Resolution (meter) = $(1.5 \times 10^8) \times (V_p) / DF$
- Where V_p is the cable's relative propagation velocity
- and where DF is the stop frequency minus the start

Anritsu

متعلقات همراه استاندارد:

Standard Accessories Include:
MAIN UNIT S332D/3 + color LCD
S331D Site Master User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC Adapter
Serial Interface Cable

گواهینامه کالیبراسیون + One Year Warranty

تماس بگیرید

کد سفارش S332D: ۴۵۲

شرکت بردار مینا، مرکز تخصصی فروش، خدمات پس از فروش، اجاره و کالیبراسیون سایت مسترهای مخابراتی از کمپانیهای معتبر دنیا ANRITSU, BIRD, JDSU, PROTEK



BORDAR MABNA CO, SA
Surveying, Hydrography, TELECOM & GPS Equipment's

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شرکت بردار مبنا (سهامی خاص)

تجهیزات مخابراتی، نقشه برداری، فتوگرامتری، هیدروگراف - GPS
BIRD GARMIN Anritsu Rosenberger



ANRITSU SITE MASTER Cable and Antenna Analyzer **S332E**

سایت مستر S332E با اسپکتروم آنالایزر و صفحه تمام رنگی لمسی و خروجی USB محصول ۲۰۱۴

- Frequency Range: **2 MHz to 4.0 GHz**
- **Spectrum Analyzer, 100 kHz to 4 GHz**
- Frequency Accuracy: 2 ± 75 ppm @ +25°C
- Frequency Resolution: 100 kHz
- Output Power: <0 dBm (-10 dBm nominal)
- Immunity to Interfering Signals: On-channel: +17 dBm
- On-frequency: -5 dBm
- Measurement Speed: 23.5 msec / data point (CW ON)
- Number of Data Points: 130, 259, 517
- Return Loss: Range: 0.00 to 60.00 dB
- Resolution: 0.01 dB
- VSWR: Range: 1.00 to 65.00 , Resolution: 0.0
- Cable Loss: Range: 0.00 to 30.00 dB
- Resolution: 0.01 dB
- Measurement Accuracy: >42 dB corrected directivity after calibration
- Distance-to-Fault:
- Vertical Range: Return Loss: 0.00 to 60.00 dB
- VSWR 1.00 to 65.00
- Horizontal Range: 0 to (# of data pts -1) x
- Resolution to a maximum of 1197m (3929 ft),
- # of data pts = 130, 259 or 517
- Horizontal Resolution (Rectangular Windowing): C
- Resolution (meter) = $(1.5 \times 108) \times (Vp)/DF$
- Where Vp is the cable's relative propagation velocity
- and where DF is the stop frequency minus the start



متعلقات همراه استاندارد:

MAIN UNIT S331E & S332E (SPEC) + 7" color LCD

S331E & S332E Site Master User's Guide

Anritsu MSD SOFTWARE CDROM

Soft Carrying Case

Rechargeable SMART Battery, NiMH

AC-DC Adapter with Power Cord

Automotive Cigarette Lighter/12 Volt DC Adapter

USB Interface Cable 3 METER

One Year Warranty + گواهینامه کالیبراسیون

تماس بگیرید

کد سفارش S331E: ۴۵۳

• دارای پورت USB جهت اتصال به FLASH MEMORY یا ارتباط با کامپیوتر

• قابلیت ذخیره اطلاعات روی کارت حافظه FLASH USB

• صفحه نمایش از نوع لمسی TOUCH SCREEN با سایز 7" اینچ

• دارای صفحه کلید مجازی روی صفحه نمایش و کیبورد معمولی

• طراحی جدید و ظریف محصول ۲۰۱۴

• قابلیت نمایش ۲ نمونه اندازه گیره شده در ۱ صفحه با سرعت اندازه گیری خیلی سریع



ANRITSU SITE MASTER Cable and Antenna Analyzer **S332C**

OPTION 5 POWER MONITOR + با اسپکتروم آنالایزر

دست دوم در حد نو، سالم با گارانتی بردار مابنا

- **Frequency Range:** 25 MHz to 4.0 GHz
- **Frequency Accuracy:** ± 75 ppm @ +25°C
- **Spectrum Analyzer, 100 kHz to 3 GHz**
- **Frequency Resolution:** 100 kHz
- **Output Power:** <0 dBm (-10 dBm nominal)
- **Immunity to Interfering Signals:** On-channel: +17 dBm
- **On-frequency:** -5 dBm
- **Measurement Speed:** ≈ 3.5 m sec / data point (CW ON)
- **Number of Data Points:** 130, 259, 517
- **Return Loss:** Range: 0.00 to 60.00 dB
- **Resolution:** 0.01 dB
- **VSWR: Range:** 1.00 to 65.00
- **Resolution:** 0.01
- **Cable Loss:** Range: 0.00 to 30.00 dB
- **Resolution:** 0.01 dB
- **Measurement Accuracy:** >42 dB corrected directivity after calibration
- **Distance-to-Fault:**
- **Vertical Range:** Return Loss: 0.00 to 60.00 dB
- **VSWR 1.00 to 65.00**
- **Horizontal Range:** 0 to (# of data pts -1) x
- **Resolution to a maximum of 1197m (3929 ft),**
- **# of data pts = 130, 259 or 517**
- **Horizontal Resolution (Rectangular Windowing):C**
- **Resolution (meter) = (1.5 x 108) x (Vp)/DF**
- **Where Vp is the cable's relative propagation velocity**

Anritsu

Standard Accessories Include: متعلقات همراه استاندارد

صفحه سیاه و سفید MAIN UNIT S332C
S331D Site Master User's Guide
Anritsu Handheld Software Tools CDROM
Soft Carrying Case
Rechargeable SMART Battery, NiMH
AC-DC Adapter with Power Cord
Automotive Cigarette Lighter/12 Volt DC
Adapter
Serial Interface Cable
One Year Warranty + گواهینامه کالیبراسیون

تماس بگیرید

کد سفارش S332C:

and where DF is the stop frequency minus the start