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Data Sheet

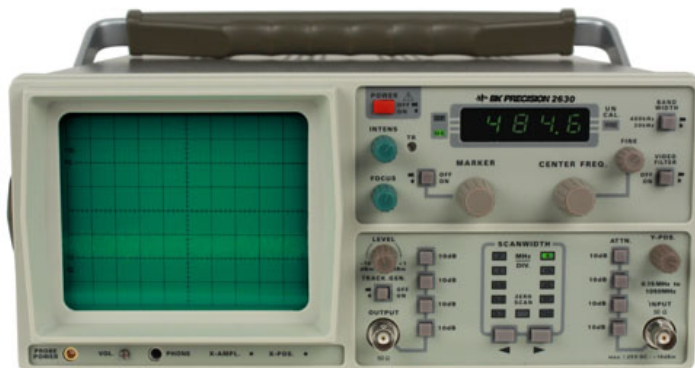
August 14, 2026

BK PRECISION

BK Precision 2630 Spectrum Analyzer

The BK Precision 2630 Spectrum Analyzer is a benchtop spectrum analyzer for RF troubleshooting and education. RF education labs, EMI pretest, and spectrum surveys.

Instrument Type: Benchtop spectrum analyzer Frequency Range Class: RF through low GHz or multi GHz class per datasheet Maximum Input Level Class: Specified damage level on datasheet class Marker Functions: Frequency and amplitude markers class Primary Power: AC mains or battery with charger class Series Family: BK Precision 2630 Spectrum Analyzer



MODEL

BK Precision 2630

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2630

LISTING

<https://aumictechlabs.com/products/2630-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The BK Precision 2630 is a spectrum analyzer with a built-in tracking generator, designed for RF signal analysis up to 1.05 GHz. This instrument is suitable for professionals in telecommunications, cable TV, and related industries, offering capabilities for pre-compliance testing, RF leakage investigation, system troubleshooting, and EMI diagnostics. It is particularly useful for locating emission "hot spots" on PCBs and cables when used with an optional near-field sniffer probe set.

Technical Specifications * Product Type: Spectrum Analyzer with Tracking Generator

Manufacturer: BK Precision Model: 2630 Frequency Range: 0.15 MHz to 1.05 GHz (1050 MHz)

Tracking Generator Frequency Range: Matches the spectrum analyzer's range Dynamic Range: 80 dB (113 dB with attenuation) Resolution Bandwidth (RBW): 20 kHz and 400 kHz. In some specifications, 12.5 kHz and 250 kHz are also mentioned for models 2625/2630, and 1 Hz to 1

MHz for other models IF Bandwidth: 400 kHz and 20 kHz Frequency Display Resolution: 100 kHz Frequency Scanwidth: 100 kHz/division Frequency Stability: 150 kHz/hour Amplitude Range: -100 dBm to +13 dBm. Another specification indicates -110 dBm to +30 dBm Maximum Input: +20 dBm Reference Level: -27 dBm to +13 dBm (in 10 dB steps) Demodulator: AM & FM demodulator included Input Connector: BNC Output Attenuator (Tracking Generator): 0 to 40 dB (4 × 10 dB steps) Output Impedance: 50 Ω (BNC) Display: CRT, 6 inch, 8 × 10 division, internal graticule. Another source mentions a 7-inch color TFT LCD Trace Rotation: Adjustable on front panel Line Voltage: 115 / 230V ±10%, 50-60Hz Power Consumption: Approximately 27W Operating Ambient Temperature: +10°C to +40°C Safety: Safety Class I (IEC 1010-1) Weight: Approximately 15.4 lb (6 kg) Dimensions: 4.9 in. (125 mm) H x 11.2 in. (285mm) W x 15 in. (380 mm) D Interfaces and Connectivity * Input/Output: BNC connectors Connectivity (for some models/versions): USB host, USB device, LAN, GPIB (optional) Physical Characteristics * Display: 6-inch CRT Dimensions: 4.9 in. (H) x 11.2 in. (W) x 15 in. (D) Weight: Approximately 15.4 lb (6 kg) Accessories * Supplied: Power Cord, Instruction Manual, Software (for model 2635) Optional: * Near Field "Sniffer" Probe Set, Model PR-261 (covers 10 kHz to 1000 MHz) * AT-21 Right Angle Telescoping Antenna, BNC Connector * PR-70 Active FET Probe * TE-26 50Ω Feedthru Termination * RM-26 19-inch Rackmount Adapter * ZTF-1 50Ω to 75Ω Adapter * LC-210A Carrying Case Compatibility * The BK Precision 2630 works with professionals in the telecommunication communications industry. It is suitable for CATV/MATV system troubleshooting, cellular telephone/pocket pager testing, and EMI diagnostics. The optional PR-261 probe set allows for investigation of RF electromagnetic fields, pre-compliance testing, and locating emission "hot spots" on PCBs and cables. Why Choose Aumictech for BK Precision 2630? At Aumictech, we specialize in supplying high-end RF test and measurement equipment. Whether you need precise RF signal analysis, comprehensive troubleshooting capabilities, or reliable EMI diagnostic tools, our team ensures the BK Precision 2630 delivers maximum performance for your application.

2630 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Benchtop spectrum analyzer
Frequency Range Class	RF through low GHz or multi GHz class per datasheet
Resolution Bandwidth Class	Selectable RBW filters class
Video Bandwidth Class	Selectable VBW class
Display	Spectrum trace display class
Reference Level Class	Adjustable reference level class
Input Attenuator Class	Step attenuator class
Input Impedance	50 ohms class
Maximum Input Level Class	Specified damage level on datasheet class
Marker Functions	Frequency and amplitude markers class
Form Factor	Benchtop spectrum analyzer
Primary Power	AC mains or battery with charger class
Series Family	BK Precision 2630 Spectrum Analyzer
Applications Class	Education EMI pretest and RF troubleshooting
Sweep Modes	Continuous and single sweep class
Weight Class	Analyzer weight class
Cooling	Fan or convection cooled class
RF Input Connector	TypeNor SMA class
Dynamic Range Class	Specified on datasheet class
PC Interface Class	USB or serial connectivity class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Bandwidth	Class: Selectable RBW filters class
Humidity	Class: Up to 80 percent noncondensing class

2630 Specifications

PARAMETER	VALUE
BK Precision 2630 Spectrum Analyzer	Overview
Marker measurement functions class	Frequency span and RBW controls
Technical Specifications	Instrument Type: Benchtop spectrum analyzer
Notes	From BK Precision 2630 Spectrum Analyzer OEM product documentation. Confirm exact frequency coverage and DANL on the 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	
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PARAMETER	VALUE
Instrument Type	Benchtop spectrum analyzer
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Reference Level Class	Adjustable reference level class
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Series Family	BK Precision 2630 Spectrum Analyzer
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Sweep Modes	Continuous and single sweep class
Weight Class	Analyzer weight class
Cooling	Fan or convection cooled class
RF Input Connector	TypeNor SMA class
Dynamic Range Class	Specified on datasheet class
PC Interface Class	USB or serial connectivity class
Warmup Time Class	15 minutes typical class
Relative Humidity Class	Up to 80 percent noncondensing class
Export Classification Class	Commercial test equipment class
Notes	
From BK Precision 2630 Spectrum Analyzer OEM product documentation. Confirm exact frequency coverage and DANL on the datasheet revision.	

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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NIST-traceable calibration · SAM registered ·
30-day returns
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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.