

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

BK PRECISION

BK Precision 2658 Handheld Spectrum Analyzer

BK Precision 2658 Handheld Spectrum Analyzer The BK Precision 2658 Handheld Spectrum Analyzer is a handheld spectrum analyzer for RF troubleshooting and education. RF education labs, EMI pretest, and spectrum surveys. Instrument Type: Handheld spectrum analyzer The BK Precision 2658 Handheld Spectrum Analyzer is a handheld spectrum analyzer for RF troubleshooting and education. RF education labs, EMI pretest, and spectrum surveys. Instrument Type: Handheld spectrum analyzer Frequency Range Class: RF through low GHz or multi GHz class per datasheet



MODEL

BK Precision 2658

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2658

LISTING

<https://aumictechlabs.com/products/2658-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The BK Precision 2658 is a handheld spectrum analyzer designed for analyzing modern wireless signals, including W-CDMA, CDMA, GSM, WLAN, WiMAX, and Bluetooth. It has a frequency range of 50 kHz to 8.5 GHz. This compact and lightweight instrument is ideal for field measurements and testing applications where portability and precision are essential. The BK Precision 2658 provides functions comparable to full-size benchtop spectrum analyzers. Technical Specifications Frequency Range: 50 kHz to 8.5 GHz Measurement Functions: Channel power measurement Adjacent channel power measurement Occupied bandwidth measurement Electric field strength measurement (with optional dipole antennas) Magnetic field strength measurement (with optional PR 26M) Performance: Displayed Average Noise Level (DANL): -127 dBm Single sideband phase

noise: 90 dBc at 100 kHz offset Amplitude Reference Level Range: -60 to -10 dBm (1 dB step)
Mean Noise Level: -110 dBm or less Dynamic Range: Wide dynamic range secured Sweep and
Trigger: Sweep Time: 10 ms to 30 s and AUTO (1-3 step) up to 2 GHz; 30 ms to 30 s and AUTO
from 0 to 2 GHz. Automatically set based on frequency span. Trigger Mode: AUTO (for zero span
only), Internal, External. External Trigger Input Voltage Range: 1 to 10 Vpp. External Trigger
Frequency Range: DC to 5 MHz. Display: 5.7-inch TFT LCD Resolution: 640 × 480 pixels Trace
Data Points: 501 dots on LCD, 1001 dots readable via PC Interfaces: USB Interface for PC
connectivity RS 232 Port USB host interface for saving measurement results/screenshots to a
USB flash drive SCPI-like remote control commands Physical: Weight: Approximately 1.8 kg (4 lbs)
including battery Dimensions: 162(W) x 71(H) x 265(D) mm (6.38"W x 2.80"H x 10.43"D) Battery:
Rechargeable Lithium-Ion battery Battery Operating Time: Up to 4 hours (with backlight off)
Included Accessories: BC 2650 (AC adapter) LC 2650 (Soft carrying case) BP 2650 (Accessory
pouch) Fuse Instruction Manual PC Software Certificate of Calibration Optional Accessories: AK
2650 (PC Interface Software and serial interface cable) AN 301 (Dipole Antenna, 0.8 to 1GHz) PR
26M (Magnetic field probe) PT 2650 (Printer for hard copy of display) Environmental: Operating
Temperature: 0 to 50° C Storage Temperature: -20 to 60° C Why Choose Aumictech for BK
Precision 2658? At Aumictech, we specialize in supplying high-end RF test and measurement
equipment. Whether you need precise spectrum analysis in the field, comprehensive signal
investigations, or detailed troubleshooting of wireless communication systems, our team ensures
the BK Precision 2658 delivers maximum performance for your application.

2658 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Handheld 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	Handheld spectrum analyzer
Primary Power	AC mains or battery with charger class
Series Family	BK Precision 2658 Handheld 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

2658 Specifications

PARAMETER	VALUE
BK Precision 2658 Handheld Spectrum Analyzer	Overview
Marker measurement functions class	Frequency span and RBW controls
Technical Specifications	Instrument Type: Handheld spectrum analyzer

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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Notes	
From BK Precision 2658 Handheld 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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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.