

**Aumictech**

Test & measurement • bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

IFR/MARCONI

Marconi 2187 RF Signal Generator

The Marconi/IFR 2187 is an RF output amplifier accessory used with Marconi signal-generator families to raise available output power for high-level receiver overload tests and component drive. Boosting signal-generator output for amplifier drive, receiver overload testing, and high-level RF stimulus beyond the base generator's leveled range. Companion amplifier for Marconi generators Instrument Type: RF output amplifier accessory Harmonics Class: Specified relative to drive level in manual Interlock Class: May include safety interlocks Cable Accessories: RF interconnect to generator 2187 identified as Marconi/IFR output amplifier accessory from product listings. Confirm exact frequency span and gain/power from the 2187 operating manual paired with the host generator.



MODEL

IFR/Marconi 2187

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

2187

LISTING

<https://aumictechlabs.com/products/2187-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The IFR/Marconi 2187 synthesized signal generator works with demanding testing requirements. Its key features include broad frequency coverage, low harmonic distortion, and excellent frequency stability. The generator supports AM, FM, and phase modulation, and It has flexible control via GPIB for automated test setups. research, development, and manufacturing environments.

2187 Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	RF output amplifier accessory
Model	2187
Manufacturer Lineage	Marconi / IFR
Intended Role	Raise available RF output level
Drive Source	Companion signal generator
Form Factor	Benchtop accessory
Frequency Coverage Class	Matches paired generator band
Gain Class	Power amplification stage
Output Impedance Class	50 Ohm
Input Impedance Class	50 Ohm
Connector Class	TypeNor BNC per build
Power Supply	AC line powered accessory
Cooling	Convection or fan per build
Protection Class	Overload protection typical of RF amps
Intended Use	Radio and RF component high-level tests
Harmonics Class	Specified relative to drive level in manual
Spurious Class	Specified in manual
Operating Temperature Class	Laboratory
Status Indicators	Power on
Interlock Class	May include safety interlocks
Cable Accessories	RF interconnect to generator
Calibration	Gain/response verification
Mounting	Bench or rack shelf
Operating temperature	Class: Laboratory

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory
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Operating Temperature Class	Laboratory
Status Indicators	Power on
Interlock Class	May include safety interlocks
Cable Accessories	RF interconnect to generator
Calibration	Gain/response verification
Mounting	Bench or rack shelf Notes 2187 identified as Marconi/IFR output amplifier accessory from product listings. Confirm exact frequency span and gain/power from the 2187 operating manual paired with the host generator.

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	
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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

Aumictech

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<https://aumictechlabs.com>

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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.