

**Aumictech**

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Data Sheet

August 12, 2026

KEYSIGHT / AGILENT

Keysight (Agilent) E8257DS15 Millimeter-Wave Source Module, 50 to 75 GHz

Manufacturer: Keysight / Agilent (OML module) Instrument Type: Millimeter-Wave Source Module Alias: E8257DS15; Agilent E8257DS15; Keysight E8257DS15 Specs from Keysight/Agilent E8257DSxx millimeter-wave source module literature. Confirm PSG options and included interface/RF cables. Instrument Type: Millimeter-Wave Source Module Alias: E8257DS15; Agilent E8257DS15; Keysight E8257DS15 Specs from Keysight/Agilent E8257DSxx millimeter-wave source module literature. Confirm PSG options and included interface/RF cables.



MODEL

**Keysight / Agilent
E8257DS15**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

E8257DS15

LISTING

<https://aumictechlabs.com/products/e8257ds15-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Keysight E8257DS15 is a millimeter-wave source module that extends Keysight E8257D or E8267D PSG (Personal Signal Generator) platforms into the 50 to 75 GHz band. Manufactured by OML, Inc., this module delivers +8 dBm output power at 75 GHz and interfaces directly with compatible signal generators via a Source Module Interface (SMI) connector, drawing DC power and receiving modulation control signals from the host PSG. The module outputs via WR-15 flange and accepts RF input through an SMA female connector. It supports FM, PM, and pulse

modulation capabilities controlled through the driving PSG. The E8257DS15 is a compact desktop unit measuring 4.3 in × 5.7 in × 2.8 in (height) and weighing less than 2.0 lb. Power requirements of +8 Vdc at 1.2 A maximum and +15 Vdc at 150 mA maximum are supplied by the host PSG. Integrated input power protection guards against over- or under-power conditions. The module requires a 45-minute warm-up period and operates over +20 to +30 °C for specification compliance, with driving PSG performance warranted across 0 to 55 °C. Adequate earth grounding via the supplied SMI DC bias cord and unrestricted cabinet ventilation are required for safe operation. Included accessories comprise a 2 m DC power cable (V00DCDC2) and 1 m RF SMA-to-SMA cable (V00LOIF). The product is obsolete with no replacement identified.

Features & description

From manufacturer datasheet

Features

- Frequency range: 50 to 75 GHz
- Waveguide: WR-15 output flange
- High output power: +8 dBm @ 75 GHz (stated)
- Driven from E8257D or E8267D with Option 1EU or 1EA
- FM, PM, and pulse modulation available through mm source module
- Direct frequency control and display on PSG
- Input power protection
- RF IN drive class: +10 dBm (module tables)
- Power from PSG interface: +8 Vdc @ 1.2 A max; +15 Vdc @ 150 mA max (typical supply note)
- Frequency accuracy/resolution: follows driving PSG
- Operating temp for specs: +20 to +30 °C class

Applications

- WR-15 waveguide signal generation 50–75 GHz
- Millimeter-wave component and system stimulus

Driven from PSG with source-module interface power

E8257DS15 Characteristics / Specifications

PARAMETER	VALUE
Model	E8257DS15
Manufacturer	Keysight / Agilent (OML module)
Instrument Type	Millimeter-Wave Source Module
Alias	E8257DS15; Agilent E8257DS15; Keysight E8257DS15
Frequency	50–75 GHz
Waveguide	WR-15 output flange
RF drive	+10 dBm class
Host	E8257D/E8267D Opt 1EU/1EA Notes Specs from Keysight/Agilent E8257DSxx millimeter-wave source module literature. Confirm PSG options and included interface/RF cables.
Frequency range	50 to 75 GHz
High output power	+8 dBm @ 75 GHz (stated)
RF IN drive class	+10 dBm (module tables)
Power from PSG interface	+8 Vdc @ 1.2 A max; +15 Vdc @ 150 mA max (typical supply note)
Frequency accuracy/resolution	follows driving PSG
Operating temp for specs	+20 to +30 °C class

E8257DS15 Specifications

PARAMETER	VALUE
Applications	- WR-15 waveguide signal generation 50–75 GHz
Key Features	- Frequency range: 50 to 75 GHz
Technical Specifications	Model: E8257DS15
Notes	Specs from Keysight/Agilent E8257DSxx millimeter-wave source module literature. Confirm PSG options and included interface/RF cables.

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

PARAMETER	VALUE
Model	E8257DS15
Manufacturer	Keysight / Agilent (OML module)
Instrument Type	Millimeter-Wave Source Module
Alias	E8257DS15; Agilent E8257DS15; Keysight E8257DS15

Frequency: 50-75 GHz
Waveguide: WR-15
Output power @ 75 GHz: +8 dBm
RF drive: +10 dBm class
Host: E8257D/E8267D Opt 1EU/1EA

Notes
Specs from Keysight/Agilent E8257DSxx millimeter-wave source module literature. Confirm PSG options and included interface/RF cables.

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

788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
<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.