

AGILENT

81533A

The Agilent 81533A is a dual-channel optical head interface module designed for the HP/Agilent 8153A Lightwave Multimeter mainframe, allowing the integration of external 81520A, 81521B, 81524A, and 81525A optical heads.

SPECIFICATIONS

General

Interfaces	1 x Optical Head input connector, proprietary backplane interface
Display	None (uses mainframe display)

Physical

Power Supply	Powered directly by mainframe slot
Operating Temperature	0 to 55 °C °C
Dimensions (W×H×D)	32 mm × 75 mm × 335 mm mm
Weight	< 0.3 kg kg

Compatibility & System Accessories

Compatible Mainframes	HP / Agilent 8153A Lightwave Multimeter
Compatible Optical Heads	HP / Agilent 81520A, 81521B, 81524A, 81525A

Connectivity & Interfaces

Number of Input Channels	1 channel
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Optical & Sensor Specifications

Wavelength Range	450 nm to 1700 nm (dependent on connected optical head)
Power Measurement Range	Dependent on connected optical head

Physical & Mechanical Properties

Module Slot Occupancy	1 slot in Agilent 8153A mainframe
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Analog Output

Analog Output Voltage	0 to 2 V (into open circuit)
Analog Output Impedance	600 Ω (typical)
Analog Output Connector	BNC

Environmental

Storage Temperature	-40 °C to +75 °C
Operating Humidity	<95% R.H. from 0 °C to 40 °C (non-condensing)

TECHNOLOGY

Fiber Optic Measurement

APPLICATIONS

Optical Power Measurement

Generated by SpecAtlasHub (specatlashub.com). Specifications are compiled from available sources and are subject to change — verify critical values against the manufacturer before purchase.