

**Aumictech**

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

AGILENT / KEYSIGHT

Agilent/Keysight N7743C Multiport Optical Power Meter

Agilent Keysight N7743C Multiport Optical Power Meter The Agilent/Keysight N7743C is a multiport optical power meter in the N77-C family for dense parallel optical power measurements. High channel-count optical power monitoring in transceiver manufacturing. Instrument Type: Multiport optical power meter The Agilent/Keysight N7743C is a multiport optical power meter in the N77-C family for dense parallel optical power measurements. High channel-count optical power monitoring in transceiver manufacturing. Instrument Type: Multiport optical power meter Series Family: Keysight N77-C optical power meters



MODEL

**Agilent / Keysight
N7743C**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

N7743C

LISTING

<https://aumictechlabs.com/products/n7743c-3/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

Uncertainty: * Total Uncertainty and Uncertainty at Reference Conditions are detailed in the manual. * Typically ± 0.01 dB within specification wavelength range for straight connector with ceramic ferrule. * For input power >10 mW: add typical ± 0.0016 dB/mW.

N7743C Characteristics / Specifications

PARAMETER	VALUE
Instrument Type	Multiport optical power meter
Series Family	Keysight N77-C optical power meters
Model	N7743C
Function	multiport optical power measurement
Platform	N77 compact instrument
Remote Interfaces	LAN USB class
Application Class	multiport optical manufacturing test
Sensors	photodiode optical sensors class
Wavelength	telecom bands class
Connectors	interchangeable interfaces
Logging	large memory logging class
Averaging	wide averaging time range class
Form Factor	compact rack instrument
Use Stage	manufacturing R&D
Calibration	OEM calibration
Family Peers	N7742C N7747C
Units	dBmWSCPI: remote control
GUI	N77 software tools
Fiber	SM/MM within limits
Triggering	multiport sync class
Environment	N77 operating temperature class
Line Power	universal AC
Warm Up	per N77 recommendations
Configuration Note	expand exact port count and accuracy tables from N7743C OEM datasheet before denser upload

PARAMETER	VALUE
Operating temperature	class

N7743C Specifications

PARAMETER	VALUE
Agilent Keysight N7743C Multiport Optical Power Meter	Overview
Multiport optical power meter	N77-C platform density
Technical Specifications	Instrument Type: Multiport optical power meter
Notes	Identity/platform rows from Keysight N7743C product listings. Expand full port/accuracy tables from the OEM datasheet before upload.

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	class
Operating Temperature	class
Line Power	universal AC
Warm Up	per N77 recommendations
Configuration Note	expand exact port count and accuracy tables from N7743C OEM datasheet before denser upload Notes Identity/platform rows from Keysight N7743C product listings. Expand full port/accuracy tables from the OEM datasheet before upload.

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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Identity/platform rows from Keysight N7743C product listings. Expand full port/accuracy tables from the OEM	

datasheet before upload.

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.