

Fiber Optic Multi-Channel Optical PON Power Meter (1270/1310/1490/1550/1577/1610nm), High Power



FOTM-OPM-MCH

Features

- Multi-channel Power Meter
- Optimized for PON (Passive Optical Networking) Applications
- Six (6) wavelengths supported
- High-Power Handling

Applications

- Fiber Test and Measurement
- Fiber Characterization
- Fiber Cable Troubleshooting
- Fiber Installation and Maintenance
- Passive Optical Networking

Description

The L-com FOTM-OPM-MCH Multi-channel Power Meter, optimized for PON (Passive Optical Networking) Applications. The L-com FOTM-OPM-MCH features Six (6) wavelengths, covering PON application wavelengths, and is suited for higher-powered signals.. The L-com FOTM-OPM-MCH is ideal for fiber cable troubleshooting, over single mode or multimode fiber. The L-com FOTM-OPM-MCH is one of thousands of fiber products and fiber accessories available in stock and ready to ship.

Configuration

Connector Type	SC
Module Function	Multi-channel Power Meter
Detector Type	InGaAs
Battery Type	Alkaline Battery (3xAA)

Specifications

Description	Minimum	Typical	Maximum	Units
Operating Wavelength	1310		1550	nm
Battery Operating Time			60	h
Measurement Range		-40		dBm
Linearity		0.1		dB
Power Supply		200		V
Pass Zone	1,260		1,590	dB
Passing Through Insertion Loss			1.5	dB

Description	Spec1	Spec2	Spec3	Spec4	Spec5	Spec6	Units
Calibration Wavelength	1270	1310	1490	1550	1577	1610	nm

Size

Length	7.87 in [199.9 mm]
Width	3.54 in [89.92 mm]
Height	1.97 in [50.04 mm]
Weight	0.63 lbs [285.76 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[Fiber Optic Multi-Channel Optical PON Power Meter \(1270/1310/1490/1550/1577/1610nm\), High Power FOTM-OPM-MCH](#)

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Environmental Specifications

Temperature

Operating Range

-25 to +70 deg C

Storage Range

-25 to +70 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Fiber Optic Multi-Channel Optical PON Power Meter (1270/1310/1490/1550/1577/1610nm), High Power from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to impliment improvements. L-com reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. L-com does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and L-com does not assume liability arising out of the use of any part or document.