FIBLINE

FIBER OPTIC POWER METER MINI

Overview

Fiber optic technologies form the backbone of modern communication networks. Accurate measurement and analysis are essential in these networks, and this is where the Linovex GIO Mini Fiber Optic Powermeter comes into play. With its compact design and superior performance, it is an excellent solution for both professionals and technical teams

Applications

- Telecommunication Network
- CATV-Cable Television
- Wall-Mounted, Pole-Mounted, Aerial Application
- FTTH, FTTx, GPON

Features

- Wide Wavelength Range: Capable of measuring in a broad wavelength range of 850 nm to 1625 nm.
- Measurement Range: Can measure optical power within a range of -70 dBm to +10 dBm.
- High Precision: Provides 0.1% linear accuracy and 0.01 dBm logarithmic accuracy.
- Long Battery Life: Offers more than 20 hours of continuous operation on a single charge.
- Compact and Lightweight Design: Weighs only 52 grams and is portable.
- Auto Shutdown: Automatically shuts off after 10 minutes of inactivity to conserve energy.
- Multiple Frequency Identification: Supports testing at 0Hz, 270Hz, 1000Hz, and 2000Hz.

Specification

Standard Wavelengths	850/980/1300/1310/1490/1550/1625 nm	**Measurement Range**	-70~+10 (dBm)
Probe Type	InGaAs (Indium Gallium Arsenide)	**Display Resolution**	• Linear Display: 0.1% • Logarithmic Display: 0.01 dBm
Uncertainty	±5%	**Battery Life**	≥20 Hours
Frequency Identification	0Hz, 270Hz, 1000Hz, 2000Hz	**Charging Time**	≤3 Hours (Full Battery)
Charging Voltage/Current	5V/≤500mA	**Auto Shutdown Time**	10 Minutes
Power Supply Mode	Built-in lithium battery, USB port	**Battery Capacity**	400mAh
Net Weight	52g	**Package Size**	56x35x148mm
Product Dimensions	34x17x125mm	**Connector**	SC/ST/FC

Universal interface Plug & Play

Supports three common optical fiber interfaces: SC, FC, and ST.

FC   SC   ST

— LinoveX —

Optical Power Meter

Supports SC/FC/ST detection.

LED lighting

Self-calibration

Seven wavelengths

Accurate measurement