



Distributed by:  
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## OPTISource

### LD light source for single wavelength 850/1300/1310/1490/1550/1625nm

The OPTISource is a high performance stabilized source that is widely used in fiber network installation and maintenance. New version of OPTISource can provide the single wavelength output according to specific requirements including 1310/1490/1550/1625nm wavelength for the single-mode and 850/1300nm wavelength for the multi-mode. With replaceable FC/SC/ST adapter and Hobbos' power meters (SMARTFiber and SMARTFiber Pro), this choice brings you an economic and efficient solution for the fiber optic network tasks.

#### Features

- There are three output modes for each wavelength: CW/MOD/AUTO-IDENTIFY
- CW and 270Hz, 1kHz, 2kHz modulated signals
- Auto-identify wavelength indicator (Full compatibility with Hobbos Optical Power Meter to be use as a complete set)
- LED indicators
- Auto power off for power saving

#### Specifications

- Sensor type: 850nm, 1300nm, 1310nm, 1550nm@FP-LD  
1490nm, 1625nm@DFB-LD
- Wavelength: 850/1300/1310/1490/1550/1625nm
- Spectral width:  $\leq 5\text{nm}$
- Output power:  $\geq -13\text{dBm}@850/1300\text{nm}$ ;  $\geq -5\text{dBm}@1310/1490/1550\text{nm}$ ;  
 $\geq -3\text{dBm}@1625\text{nm}$
- Stability:  $\pm 0.15\text{dB}/8\text{hr}@1310/1490/1550/1625\text{nm}$ ;  $\pm 0.25\text{dB}/8\text{hr}@$   
850nm/1300nm
- Connector type: Universal connector with replaceable FC/SC/ST adaptors
- Auto power off: 30 min. without key pressed
- Frequency: 270Hz, 1kHz, 2kHz
- Battery: 4xAAA Battery

### Order Information

- 257721** OPTISource 850nm LD light source for wavelength 850nm
- 257722** OPTISource 1300nm LD light source for wavelength 1300nm
- 257723** OPTISource 1310nm LD light source for wavelength 1310nm
- 257724** OPTISource 1490nm LD light source for wavelength 1490nm
- 257725** OPTISource 1550nm LD light source for wavelength 1550nm
- 257726** OPTISource 1625nm LD light source for wavelength 1625nm
- 257821** OPTISource 850–1300nm LD light source for wavelength 850/1300nm
- 257822** OPTISource 1310–1550nm LD light source for wavelength 1310/1550nm
- 257823** OPTISource 850–1550nm LD light source for wavelength 850/1300/1310/1550nm

### Key Definition

Marking	Function
⏻	Power On/Off
Ⓜ	Auto-identify wavelength selection
f	Modulated signals selection (CW, 270Hz, 1KHz, 2KHz)
Always on	To activate or deactivate auto power off function

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OPTISource  
850nm



OPTISource  
1300nm



OPTISource  
1310nm



OPTISource  
1490nm



OPTISource  
1550nm



OPTISource  
1625nm



OPTISource  
850/1300nm



OPTISource  
1310/1550nm



OPTISource  
850/1550nm

## LED Definition

Marking	Function
850nm, 1300nm, 1310nm, 1490nm, 1550nm, 1625nm	Turn on/off the device
Power on	The Power auto-off function will be activated by default when Power is on. Press the key "Always on" will disable the power auto-off function temporary and the LED will be lit up. The LED will be blink if the battery drains. LED Lights up: The Power auto-off function is disabled. LED blinks: The battery drains.
270Hz/1KHz/2KHz (3 LEDs)	Modulated signal indicators
Ⓐ	Auto-identify wavelength indicator

## Order Information

**257835PK1** SMARTFiber Pro with OPTISource 850–1300nm

(257835Pro+257821) including fiber tester case

**257835PK2** SMARTFiber Pro with OPTISource 1310–1550nm

(257835Pro+257822) including fiber tester case

**257835PK3** SMARTFiber Pro with OPTISource 850–1550nm

(257835Pro+257823) including fiber tester case

**FM-257836K1** SMARTFiber with OPTISource 850–1300nm

(FM-257836+257821) including fiber tester case

**FM-257836K2** SMARTFiber with OPTISource 1310–1550nm

(FM-257836+257822) including fiber tester case

**FM-257836K3** SMARTFiber with OPTISource 850–1550nm

(FM-257836+257823) including fiber tester case

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## OPTISource & SMARTFiber Pro Kit

257835PK1 SMARTFiber Pro with OPTISource 850–1300nm (257835Pro+257821)

257835PK2 SMARTFiber Pro with OPTISource 1310–1550nm (257835Pro+257822)

257835PK3 SMARTFiber Pro with OPTISource 850–1550nm (257835Pro+257823)



## OPTISource & SMARTFiber Kit

FM-257836K1 SMARTFiber with OPTISource 850–1300nm (FM-257836+257821)

FM-257836K2 SMARTFiber with OPTISource 1310–1550nm (FM-257836+257822)

FM-257836K3 SMARTFiber with OPTISource 850–1550nm (FM-257836+257823)

