



## 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 Hobbbes' 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 Hobbbes 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



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

### 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)

