

Optical Light Source

Ascentac OLS210



Excellent Stability and Portability for Output Power

Ascentac OLS210 Series, Optical Light Source, provides highly stable output power. Dual wavelength are available. It can be operated in continuous wavelength (CW) mode and pulse modulation mode.

The interface with clearly labeled and intuitive key pad is easy for use. It can be powered by dry batteries. Its low power consumption and auto shutdown function allow extended operation in the field.

Ascentac OLS210 Series has dust cap for protecting optical interface. The pocket-sized design makes it easy to carry. It's not only rugged and durable but also cost-effective.

Benefits

- Dual wavelength
- CW (Continuous Wave) and modulated tones
- Built-in universal 2.5mm tip sleeve
- Compact and lightweight design for easy carrying

Application

- Fiber identification
- Performing with Optical Power Meter to measure the loss of optical fiber

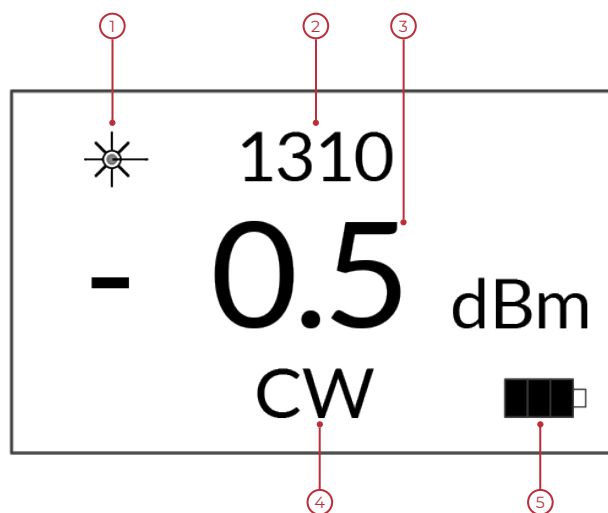
Description

- ① High resolution OLED display
- ② Dust cap for protecting optical interface
- ③ Optical interface
- ④ 3 AAA-size dry batteries (Easily obtained)
- ⑤ Intuitive interface for easy use
- ⑥ USB Type-C interface



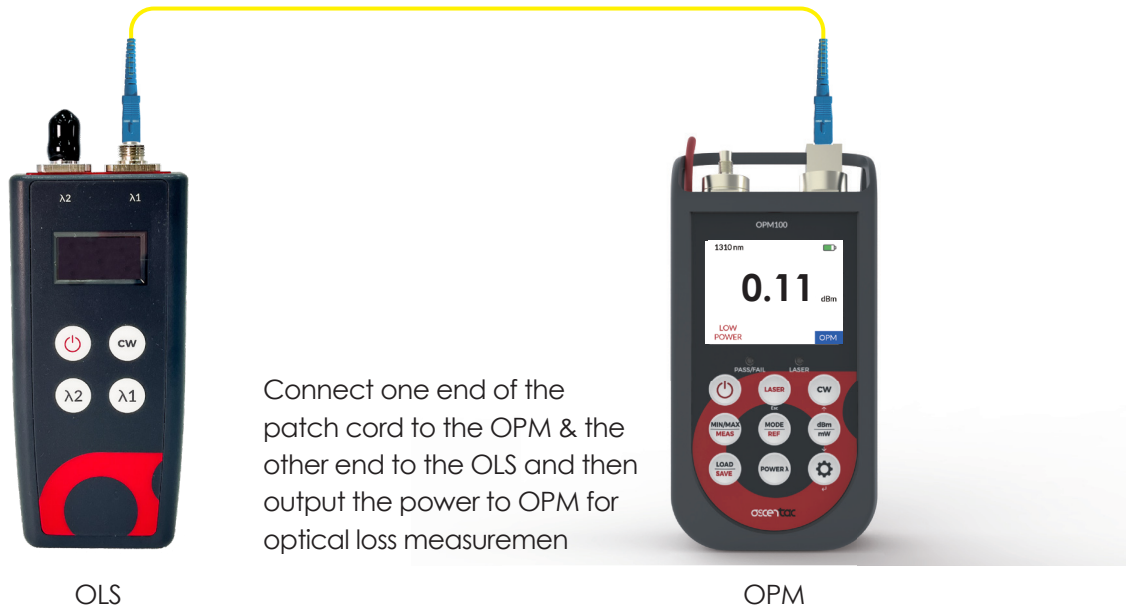
Display

- ① Laser-on status
- ② Wavelength
- ③ Output power
- ④ Modulation output
- ⑤ Battery status

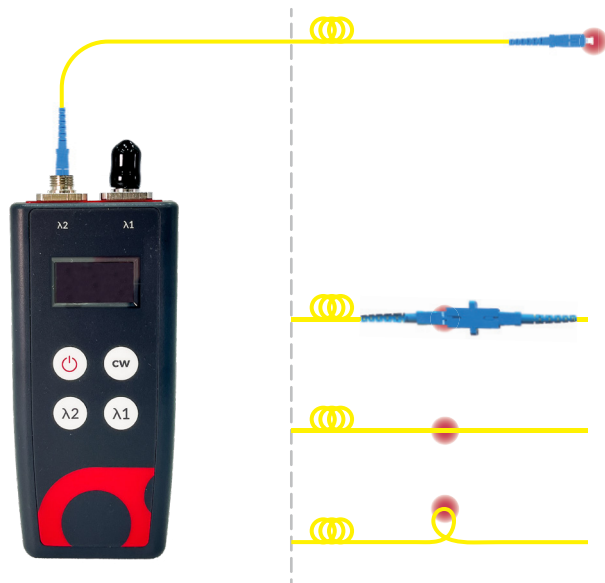


When to Use OLS210

Performing with Optical Power Meter to measure the loss of optical fiber



When to Use VFL in OLS210



1. Fiber identification & End-to-end continuity tests

2. Troubleshooting

Red illumination indicating fiber damages, bends or breaks

- Fiber connector not properly attached
- Broken fibers inside
- Bending

Specification

Specification			
Central Wavelength (nm)	650	1310	1550
Output Power (dBm)	≥ 0		
Stability (dB)	≤ ± 0.3		
Modulation Output	LD: CW (Continuous Wavelength), 270Hz, 1kHz, 2kHz VFL: CW(Continuous Wavelength), 1Hz, 2Hz		
Optical Connector	Universal 2.5mm		
Display			
0.96 inch white OLED display			
Power Supply			
Dry batteries AAA-size x 3 or USB Type C interface			
Environment			
Working Temperature (°C)	-10 to +55		
Storage Temperature (°C)	-40 to +70		
Relative Humidity (%)	5 to 95, Non-condensing		
Dimensions and Weight			
Size (H x W x D) (mm)		128 x 52 x 22	
Weight (g) (batteries included)		116	
Standard Accessories			
Main unit, AAA battery 3pcs, One-year warranty			

Ordering Information

OLS 01-0021X

Central Wavelength

- 01: 1310nm & 1550nm
- 02: 1310nm & 650nm (VFL)
- 03: 1550nm & 650nm (VFL)
- 04: 1310nm
- 05: 1550nm

Note : 1. Built-in universal 2.5mm tip sleeve.

Option	
Carrying Bag	
A0-00801	Carrying Bag with Shoulder Strap
USB Cable	
A0-00601	Single Mode 9/125--SC/UPC to SC/UPC--2m
A0-00602	Single Mode 9/125--SC/UPC to LC/UPC--2m
A0-00603	Single Mode 9/125--SC/UPC to ST/UPC--2m
A0-00604	Single Mode 9/125--SC/APC to SC/UPC--2m
A0-00605	Single Mode 9/125--SC/APC to LC/UPC--2m
A0-00606	Single Mode 9/125--SC/APC to SC/APC--2m
A0-00607	Single Mode 9/125--FC/UPC to FC/UPC--2m
Adapter Cleaning Sticks - 100 pcs/box	
02-0A110	1.25mm without ESD (Electro-Static Discharge)
02-0A120	2.5mm without ESD (Electro-Static Discharge)
02-0B110	1.25mm with ESD (Electro-Static Discharge)
02-0B120	2.5mm with ESD (Electro-Static Discharge)
Fiber Cleaner - 400 wipes/pc	
02-00411	Reusable Fiber Cleaner--1 slot
02-00412	Reusable Fiber Cleaner--2 slots
02-00421	Cartridge--1 slot
02-00422	Cartridge--2 slots

Example : OLS 01-00211
Option: A0-00801, 02-0A110



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For the latest information regarding this product, please visit our website at <http://www.ascentac.com>



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