Ascentac OCAMS2400 Series, Light Source Unit (LSU) with hot-swap design, can be mounted in the chassis of Remote Test Unit (RTU). Light Source Unit (LSU) is controlled by Monitor Control Unit (MCU). Light from this module will be as a source which Power Monitoring Unit (PMU) requires when it monitors the status of optical power in fibers under test. This module can be equipped with two lasers. LD2 can be the redundant source if LD1 doesn't work. LD1 and LD2 can be switched by Test System Controller (TSC).

Light Source Unit
Ascentac OCAMS2400

Description

Ascentac OCAMS2400 Series, Light Source Unit (LSU), is applied to Off-line Real-time Monitoring. This module will be installed in end station and work with Power Monitoring Unit (PMU) installed in head-end station. When the measured value of optical power is lower than thresholds users set, Optical Time Domain Reflectometer (OTDR) will start to test this optical fiber.

Appearance

1 LED indicator

- LD1 & LD2 (Dual lasers)(LD2 is a backup laser in case LD1 doesn't work.)

2 Optical interface: Output port for light source
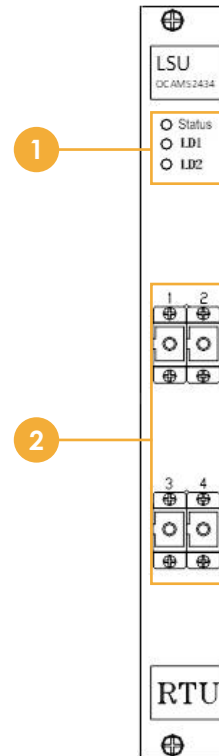
LED Indicator

Item	LED Indicator	Description	LED Status	Description
1	Status	LSU module operation status	Green	The module operates normally.
			Blinking Green	Transmitting
2	LD1	LD1 operation status	Green	LD1 is used currently.
3	LD2	LD2 operation status	Green	LD2 is used currently.

Specification

Light Source Unit (LSU) with LD1						
Model	OCAMS 2431	OCAMS 2432	OCAMS 2434	OCAMS 2451	OCAMS 2452	OCAMS 2454
Channel	1	2	4	1	2	4
Wavelength (nm)	1310 ± 20			1550 ± 20		
Pulse Width (nm)	≤ 5					
Output Power (dBm)	≥ 0	≥ -4	≥ -7	≥ 0	≥ -4	≥ -7
Stability (dB)	≤ 0.3 (@ 25 oC，24 hours)					
Size (H x W x D) (mm)	216.5 x 24.9 x 191					

Specification

Light Source Unit (LSU) with LD1 & LD2

Model	OCAMS 2430	OCAMS2450
Channel	4	
Wavelength (nm)	1310 ± 20	1550 ± 20
Pulse Width (nm)	≤ 5	
Output Power (dBm)	≥ -7	
Difference of Output Power between LD1 & LD2 (dB)	≤ 0.5	
Stability (dB)	≤ 0.3 (@ 25 oC，24 hours)	
Size (H x W x D) (mm)	216.5 x 24.9 x 191	

Ordering Information

Single LD

OCAMS 04-24X X 0

Wavelength
3 : 1310nm
5 : 1550nm

Channel
1 : 1-CH
2 : 2-CH
4 : 4-CH
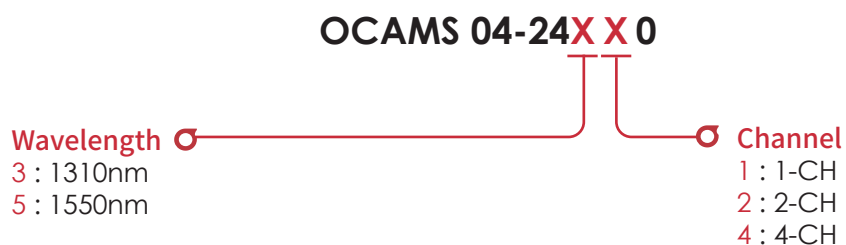
Example：OCAMS 04-24310

LD1 + LD2

OCAMS 04-24X00

Wavelength
3 : 1310nm
5 : 1550nm
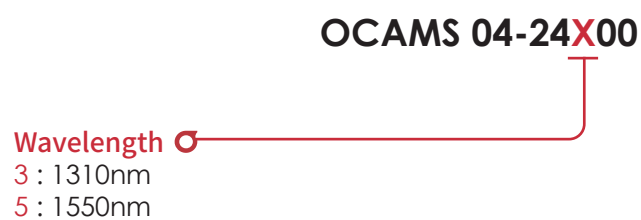
Note：1. The number of channels is 4.

Example：OCAMS 04-04-24300

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

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