



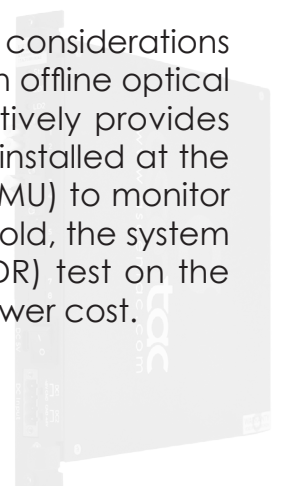
Remote Light Source

Ascentac OCAMS2470 & 2480

| Description

Ascentac FiberTrace OCAMS2470 and OCAMS2480 Series are Remote Light Source (RLS) units and are components of the OCAMS2000 Series Remote Fiber Test System (RFTS). They provide the optical light source required for optical power monitoring.

The Remote Light Source is designed to address the safety and cost considerations of online, real-time monitoring architectures and is intended for use in offline optical power monitoring architectures, where the monitoring system actively provides the light source required for monitoring. The Remote Light Source is installed at the end site and works in conjunction with the Power Monitoring Unit (PMU) to monitor optical power. When the optical power falls below the preset threshold, the system immediately initiates an Optical Time Domain Reflectometer (OTDR) test on the corresponding fiber core, enabling real-time fault notification at a lower cost.

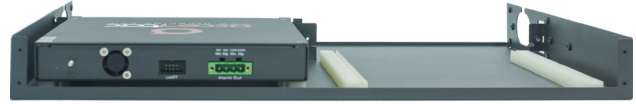


Appearance

Front View



Rear View



Specification

Remote Light Source						
Model	OCAMS2472	OCAMS2474	OCAMS2478	OCAMS2482	OCAMS2484	OCAMS2488
Channel	2	4	8	2	4	8
Output Power (dBm)	≥ -4	≥ -7	≥ -11	≥ -4	≥ -7	≥ -11
Wavelength Range (nm)	1310 ± 20			1550 ± 20		
Spectral Width (nm)	≤ 5					
Short-Term Stability (15 min) (dB)	± 0.05					
Long-Term Stability (8 hrs) (dB)	± 0.2					
Optical Interface	LC/PC					
Operating Temperature (° C)	0 to 65					
Storage Temperature (° C)	-20 to -80					
Humidity (%)	0 to 95 (Non-condensing)					
Module Dimensions (H x W x D) (mm)	27.1 x 216.5 x 211.8					
Chassis Dimensions (H x W x D) (mm)	44.45 x 440 x 308					

Ordering Information

Remote Light Source Module

OCAMS 04-24XX0

Wavelength

7 : 1310nm

8 : 1550nm

Channel

2 : 2-CH (Primary Light Source + Backup Light Source, Output Power ≥ -4 dBm)

4 : 4-CH (Primary Light Source + Backup Light Source, Output Power ≥ -7 dBm)

8 : 8-CH (Primary Light Source + Backup Light Source, Output Power ≥ -11 dBm)

Example : OCAMS 04-24720

Chassis for Remote Light Source Module

OCAMS 04-20140

Note: 1. 1U height, equipped with two slots.

Example : OCAMS 04-20140

Option

USB Power Adapter

A0-00201	USB Power Adapter, US Plug
A0-00202	USB Power Adapter, EU Plug
A0-00203	USB Power Adapter, UK Plug
A0-00204	USB Power Adapter, AU Plug

USB Cable

A0-00307	USB-A to USB-C
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For the latest information regarding this product, please visit our website at <http://www.ascentac.com>



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