



Remote Light Source

Ascentac OCAMS8480

| Description

Ascentac FiberTrace OCAMS8480 Series is a Remote Light Source (RLS) and is one of the components of the OCAMS8000 Series Remote Fiber Test System (RFTS).

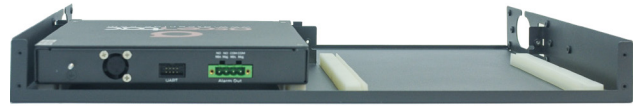
The Remote Light Source is designed to address the safety and cost considerations of online, real-time monitoring architectures and is intended for use in offline optical power monitoring architectures, where the monitoring system actively provides the light source required for monitoring. The Remote 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	OCAMS8482	OCAMS8484	OCAMS8488
Channel	2	4	8
Output Power (dBm)	≥ -4	≥ -7	≥ -11
Wavelength Range (nm)	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 ($^{\circ}\text{C}$)	0 to 65		
Storage Temperature ($^{\circ}\text{C}$)	-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 04-848 X 0

Example : OCAMS 04-84820

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)

Chassis for Remote Light Source Module

OCAMS 04-80140

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

Example : OCAMS 04-80140

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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