

Head-end Station      Relay Station

# Wavelength Division Multiplexer

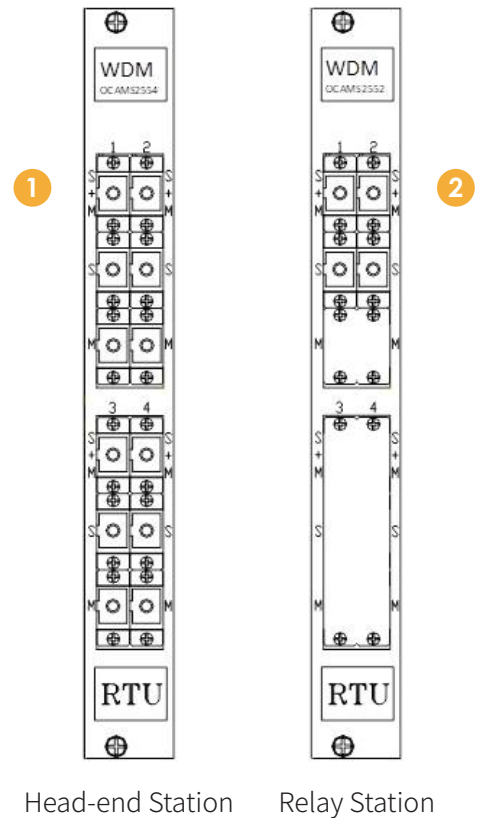
## Ascentac OCAMS2500

### **Description**

Ascentac OCAMS2500 Series, Wavelength Division Multiplexer (WDM) with hot-swap design, can be mounted in the chassis of Remote Test Unit (RTU). Wavelength Division Multiplexer (WDM) is an optical passive component module which can combine the wavelength of OTDR monitoring signal with the wavelength of transmission signal or self-emitting light source from Light Source Unit (LSU) onto a same fiber. This module is usually installed in head-end or relay station.

## Appearance

- 1 Head-end station - WDM optical interface
  - S+M: Output port for transmission signal or self-emitting light source from LSU and OTDR monitoring signal
  - S: Input port for transmission signal or self-emitting light source from LSU
  - M: Input port for OTDR monitoring signal
- 2 Relay station - WDM optical interface
  - 1 (Left) S+M: Input port for transmission signal or self-emitting light source from LSU and OTDR monitoring signal
  - 1 (Left) S: Output port for transmission signal or self-emitting light source from LSU
  - 2 (Right) S+M: Output port for transmission signal or self-emitting light source from LSU and OTDR monitoring signal
  - and OTDR monitoring signal
  - 2 (Right) S: Input port for transmission signal or self-emitting light source from LSU



Head-end Station

Relay Station

## Specification

Wavelength Division Multiplexer (WDM)								
Model	OCAMS 2531	OCAMS 2532	OCAMS 2534	OCAMS 2541	OCAMS 2542	OCAMS 2544	OCAMS 2583	OCAMS 2582
Channel	1	2	4	1	2	4	1	2
Transmission /Monitoring Wavelength (nm)	1310 ± 20 /1550 ± 20			1310±20&1550±20/1625±20			1310 ± 20&1550 ± 20 /1625 ± 20– Middle	
Insertion Loss (dB)	≤ 1.0							
Isolation (dB)	≥ 30							
Directivity (dB)	≥ 50							
Size (H x W x D) (mm)	216.5 x 24.9 x 191							
Weight (kg)	0.4							

## Ordering Information

### Head-end Station

**OCAMS 04-25XX0**

**Transmission / Monitoring Wavelength** 

3 : 1310nm / 1550nm

4 : 1310nm & 1550nm / 1625nm

**Channel** 

1 : 1-CH

2 : 2-CH

4 : 4-CH

**Example :** OCAMS 04-25310

### Middle Station

**OCAMS 04-25XX0**

**Transmission / Monitoring Wavelength** 

8 : 1310nm & 1550nm / 1625nm (Used at middle station. Only 1-CH & 2-CH available to be selected.)

**Channel** 

2 : 2-CH

3 : 1-CH

**Example :** OCAMS 04-25820



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