

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.

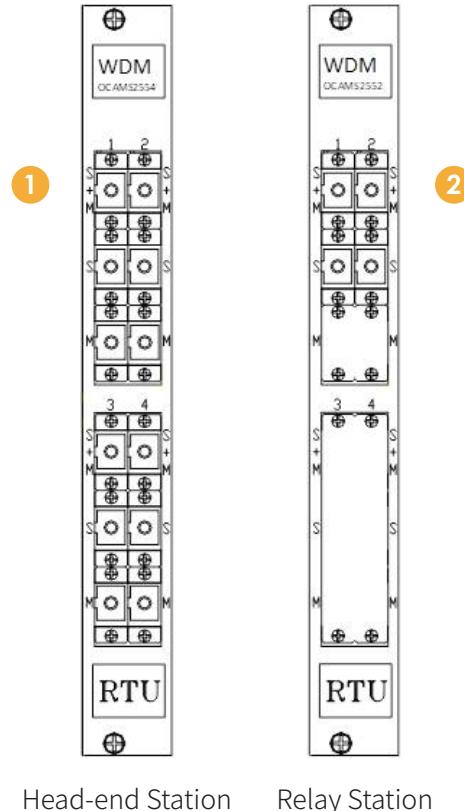
Appearance

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
- 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

