Ascentac OCAMS2200 Series, Optical Channel Selector (OCS), features fast switching, low insertion loss and excellent repeatability. This module uses RS-485 interface to communicate with other modules. Moreover, its design allows multiple Optical Channel Selector (OCS) to be concatenated simultaneously. It is more convenient when the quantity of monitored optical fibers is required to increase.
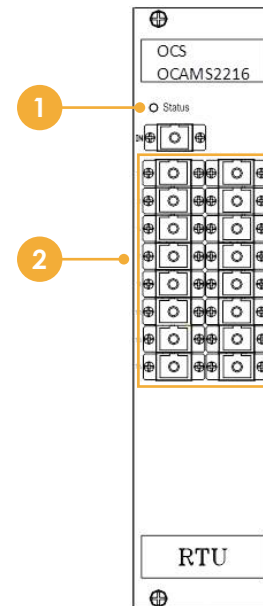
Optical Channel Selector

Ascentac OCAMS2200

Description

Ascentac OCAMS2200 Series, Optical Channel Selector (OCS) with hot-swappable design, can be mounted in the chassis of Remote Test Unit (RTU). Optical Channel Selector (OCS) is controlled by Monitor Control Unit (MCU). According to the monitoring process, the optical channel will be switched to the optical fiber designated to be monitored. When Optical Time Domain Reflectometer (OTDR) doesn't perform any optical measurement, the optical channel will be automatically switched to the last port until the next switching instruction is generated.

Appearance

1 LED indicator

2 Optical interface

- In: Input port, connected to optical interface marked S+M of HPF module

- 4, 8, 12, 16, 20, 24 or 32 (Option): Output port

LED Indicator

Item	LED Indicator	Description	LED Status	Description
1	Status	OCS module operation status	Green	The module operates normally.
			Red	The module doesn't operate normally.

Specification

Optical Channel Selector (OCS)							
Model	OCAMS 2204	OCAMS 2208	OCAMS 2212	OCAMS 2216	OCAMS 2220	OCAMS 2224	OCAMS 2232
Channel	4	8	12	16	20	24	32
Working Wavelength (nm)	1310、1550、1625						
Passband (nm)	± 15 @ 1310 ± 20 @ 1550 & 1625						
Return Loss (dB)	≥ 45						
Insertion Loss (dB)	≤ 1.5						
Switching Time (ms)	≤ 100 (adjacent channel)						
Crosstalk (dB)	≤ -50						
Repeatability (dB)	≤ 0.1 (@ Room temperature, after 1-hour operation)						
Life Time (switching times)	≥ 10,000,000						
Size (H x W x D) (mm)	216.5 x 50.3 x 191						
Weight (kg)	1.1						

Ordering Information

OCAMS 04-22XX0

Channel
04：4-CH
08：8-CH
12：12-CH
16：16-CH
20：20-CH
24：24-CH
32：32-CH

Example：OCAMS 04-22040

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

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