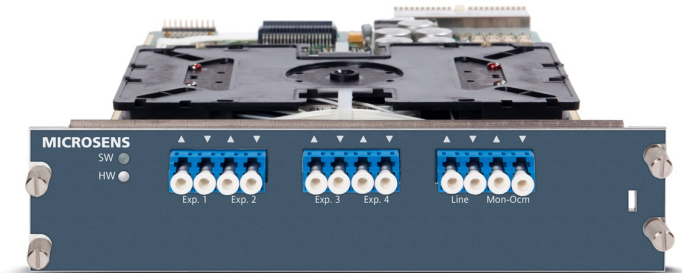


Product Overview

ROADM modules



Description

The MICROSENS ROADMs are low cost, highly scalable, extremely flexible 2 to 8 degree ROADM (Reconfigurable Optical Add Drop Multiplexers) modules. These modules allow optical networks to be built without the usually necessary rigorous planning required to determine at what sites wavelengths are to be dropped.

ROADMs allow for the dropping of any wavelengths in the optical spectrum at sites where they are installed. There are no limitations on the number of wavelengths or which wavelengths can be dropped as would be the case with traditional optical add drop multiplexers. In addition, these modules allow for the dynamic, software programmable, routing of wavelengths throughout complex optical networks. When these modules are utilized at optical route junctions, wavelengths can be routed from one optical route to another without the need to terminate and regenerate with transponders as would normally be the case.

Unlike most ROADMs, the ROADMs offered by MICROSENS utilize a cost-effective technology that dramatically lowers the cost of initially deploying ROADMs in your network but still allows you to scale to the same extent as more expensive ROADM solutions on the market. MS430303M and MS430304M can be inexpensively utilized to build a 2 degree ROADM and allow for incremental growth of up to 8 degrees.

The MS430303M is a 40 channel ROADM and the MS430304M is an 80 channel ROADM

Properties

- Eliminates the need for complex planning of wavelengths prior to installing an optical network
- Economical to deploy as compared to other ROADM solutions on the market
- The directionless and colorless capabilities allow for full flexibility of adding and dropping wavelengths at add drop sites
- Ability to dynamically reroute wavelengths between optical spans without the need for transponders
- Software programmable

Order Information

Description

Article Number

ROADM Modules

Full 40 channel single sided 4 degrees reconfigurable Add & Drop Unit

MS430303M

Full 80 channel single sided 4 degrees reconfigurable Add & Drop Uni

MS430304M

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