

## Product Overview

### 200G Metro Access Muxponder



## Description

One of the MICROSENS 200G Metro Access module is a 2-port muxponder module that aggregates 100GbE client interfaces to transport high bandwidth traffic more efficiently whether for data center connectivity, metro transport, customer router interconnection or just to increase the capacity and improve the efficiency of your fiber plant.

In parallel also a multiprotocol versions are available with up to 20 service which can be aggregated into 200G channel.

The 200G modules, based on 16QAM coherent optical modulation technology, doubles the maximum capacity per fiber pair compared with optical transport systems based on 100G while providing a significant reduction in power consumption on a per-10G basis. Deployable in both chassis of MSP3000 Platform, MICROSENS can deliver 400G of transport capacity in as little as 2RU or up to 1.2T in 7RU with industry-leading low power consumption of 0.65 watts per gigabit delivered.

The 200G module also provides investment protection as your capacity demands grow. Using the same hardware, the 200G module is capable of delivering 400G and even 1T in the future eliminating fork-lift upgrades, service disruption and additional CAPEX spend.

## Properties

- Meets high scale data center interconnection requirements for service density, large capacity, low power and low cost transport
- High-speed aggregation of up to 2 x 100GbE into 200G line port
- Doubles chassis capacity in the same footprint compared to 100G solutions
- Pluggable module fits into existing MICROSENS chassis — two units in 2RU or six units in 7RU
- Tunable optics deliver up to 88 x 200G channels with 50 GHz spacing
- Low power consumption compared to other data center interconnection solutions — 0.65W per 1G
- Upgradable to 400G and even 1T capacities with the same hardware using Superchannels and 37.5GHz spacing

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### 200G Metro Access

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200 GBE Metro Access muxponder module, 20 client port (20x10GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis. **MS430915M**

200 GBE Metro Access muxponder module, 2 client ports 100GE, one line port with DCC, QSFP28 clients and tunable 200 G line interface (QSFP28 not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430916M**

200 GBE Metro Access muxponder module, 20 client port (4x40GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430917M**

200 GBE Metro Access muxponder module, 20 client ports (2x100GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430918M**

200 GBE Metro Access muxponder module, 20 client ports (1x100GE, 10x10GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430919M**

200 GBE Metro Access muxponder module, 20 client ports (1x100GE, 2x40GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430940M**

200 GBE Metro Access muxponder module, 20 client ports (4x40GE, 10x10GE), one line port with DCC, SFP+ clients and tunable 200 G line interface (SFP+ not included, tunable line interface included). Compatible with MS430504M and MS430501/3M chassis **MS430941M**

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