

Product Overview

100G Metro Regional Transponder



Description

As an industry leader of high-capacity optical transport, MICROSENS continues to expand its product portfolio to provide its customers with solutions that are optimized for business-critical applications. Metro-regional networks have witnessed unprecedented traffic growth over recent years, but network operators have had limited access to 100G solution that allowed for cost-effective transport of that traffic. MICROSENS new 100G pluggable transponder modules were engineered specifically for metro-regional applications. The results are optimized modules that are efficient to operate using minimum space and power, and affordable to deploy in metro-regional networks.

The 100G MR modules utilize coherent technology providing operators with the improved system capacity and performance consistent with their long-haul network.

With these modules part of the MICROSENS 100G solutions suite, customers can address all aspects of their network (long-haul, metro, regional, access, rural, etc.) with the same MSP3000 optical transport platform — simply by selecting the 100G module that best meets their business needs.

Properties

- Optimized 100G solution for Metro-Regional networks
- 85% better space efficiency and simplified sparring by replacing ten 10G modules with a single 100G coherent module
- Supports up to 88 100G channels with 50GHz spacing
- Metro scalability in a small form factor, with 200G in 2RU or 600G in 7RU
- Multiple OPEX benefits including having fewer channels and no DCM to manage and consumes less power — 1W per gigabit

Order Information

Description

Article Number

100G Pluggable Modules Metro Regional

100 GbE Metro regional Transponder Module, one 100 GbE client port, one Line Port - 100G with DCC and FEC, CFP Client and Tunable FFI Line Interface (CFPs not Included, DWDM FFI Included). Compatible with MS430504M and MS430501/3M chassis.

MS430903M

This document in whole or in part may not be duplicated, reproduced, stored or retransmitted without prior written permission of MICROSENS GmbH & Co. KG. All information in this document is provided 'as is' and subject to change without notice. MICROSENS GmbH & Co. KG disclaims any liability for the correctness, completeness or quality of the information provided, fitness for a particular purpose or consecutive damage. MICROSENS is a trademark of MICROSENS GmbH & Co. KG. Any product names mentioned herein may be trademarks and/or registered trademarks of their respective companies.

© 2017.10.23 MICROSENS GmbH & Co. KG - 59067 Hamm/Germany - Tel. +49 2381 9452-0 - www.microsens.com