CIM8 optical module



Overview

Powered by Acacia's 8th generation Jannu DSP, it achieves 140 Gbaud data rate over a single wavelength and enables 800G full network coverage, 1. Watch the video to learn how the CIM 8 can benefit your network. 4Tbps multi-haul transponder along with CIM 8 (Coherent Interface Module 8) uses state-of-the-art silicon, silicon photonics and Opto-Electronic Multi-Chip Module (OE-MCM) package along with complete automation and real-time visibility to deliver best-in-class power and performance for. Acacia has launched shipments of its 1. 2-Tbps CIM 8 coherent optical module. Acacia, now part of Cisco, announced via a blog that it launched shipments of its 1. Tier 1 carrier network operators are. Microchip Technology (Nasdaq: MCHP) today announces that it has worked with Acacia to demonstrate the fourth generation of interoperability between Microchip's META-DX2 Ethernet PHY family and Acacia's Coherent Interconnect Module 8 (CIM 8). With a form factor optimized for seamless integration into Cisco platforms, it supports applications demanding enhanced spectral efficiency. These modules in customer system line cards are currently in Tier 1 carrier network field trials.

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Article Content

Cisco Network Convergence System 1014 2.4T

The trunk ports are CIM 8 (Coherent Interconnect Module 8) pluggables and are field replaceable without removing the line card. The CIM 8 is

Acacia shipping 1.2-Tbps CIM 8 optical module

Acacia, now part of Cisco, announced via a blog that it launched shipments of its 1.2-Tbps capable Coherent Interconnect Module 8 (CIM 8) to customers at the

Microchip and Acacia Collaborate to Enable Optimized Terabit-Scale

Microchip Technology (Nasdaq: MCHP) today announces that it has worked with Acacia to demonstrate the fourth generation of interoperability between Microchip''s META-DX2 Ethernet

CISCO CIM8-CE-K9= Coherent Interface Module 8 enhanced C-Band

The CISCO CIM8-CE-K9= Coherent Interface Module 8 enhanced C-Band is a plug-in interface module built to extend optical transport in high-bandwidth networks. With a form factor optimized for

Acacia Ships CIM 8: Industry First 1.2T Pluggable Multi

Supporting data rates up to 1.2 terabits per second (1.2Tbps), the CIM 8 is the first commercial single optical carrier coherent transceiver that

Know more about Acacia 1.2T Pluggable Multi-Haul

These modules in customer system line cards are currently in Tier 1 carrier network field trials. Supporting data rates up to 1.2 terabits per second

OFC: Acacia launches Coherent Interconnect Module

Building on the success of the AC1200 and the Pico DSP, Acacia has launched its Coherent Interconnect Module 8 (CIM 8), based on its newest DSP

Acacia, now part of Cisco: Coherent Optical Interconnect 8

The industry''s first 1.2T pluggable coherent module, Acacia''s Coherent Interconnect Module 8 (CIM 8) is designed to enable network operators to maximize

CISCO Coherent Interface Module 8 enhanced L-Band

The CISCO Coherent Interface Module 8 enhanced L-Band is designed for high-bandwidth, long-distance optical networking. As a plug-in interface module, it integrates easily into existing Cisco

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OFC: Acacia launches Coherent Interconnect Module

Acacia says the CIM 8 provides high performance based on the same silicon photonics used in its high volume pluggable modules. In addition, the

Be Part of the Terabit Era Today » Acacia

Acacia is currently shipping the Coherent Interconnect Module 8 (CIM 8) module leveraging this Class 3 technology, enabling network operators to

Microchip, Acacia enable terabit-scale data center

Microchip Technology has announces that it has worked with Acacia to demonstrate the fourth generation of interoperability between Microchip''s

Cisco Announces General Availability of the NCS 1014 and 2.4T

Earlier this year at the Optical Fiber Communication (OFC) Conference and Exhibition, Cisco demonstrated the new NCS 1014 with the 2.4T WDM line card based on the Acacia Coherent

Next Generation Transponder Technology to Align with

To maximize the capacity of each fiber pair, network operators can leverage Acacia''s advanced 3D shaping technology with the new Coherent

Know more about Acacia 1.2T Pluggable Multi-Haul

Acacia/Cisco, announced that it began shipping the Coherent Interconnect Module 8 (CIM 8) to customers at the end of 2022. These modules

Microchip and Acacia Team Up To Optimize Terabit

Microchip Technologies and Acacia are expanding their ongoing collaboration for optical Data Center Interconnect (DCI) and metro transport

Cisco''s Acacia debuts 1.2 terabit multi-haul pluggable

Cisco subsidiary Acacia marked a major milestone with the debut of its new Coherent Interconnect Module 8 (CIM 8), unveiling a multi-haul pluggable capable of delivering 1.2 terabit

Single carrier 1.2T multi-haul pluggable module launched

Acacia has revealed its 1.2T faceplate pluggable coherent module, which highlights what the company refers to as an eighth generation coherent interconnect

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