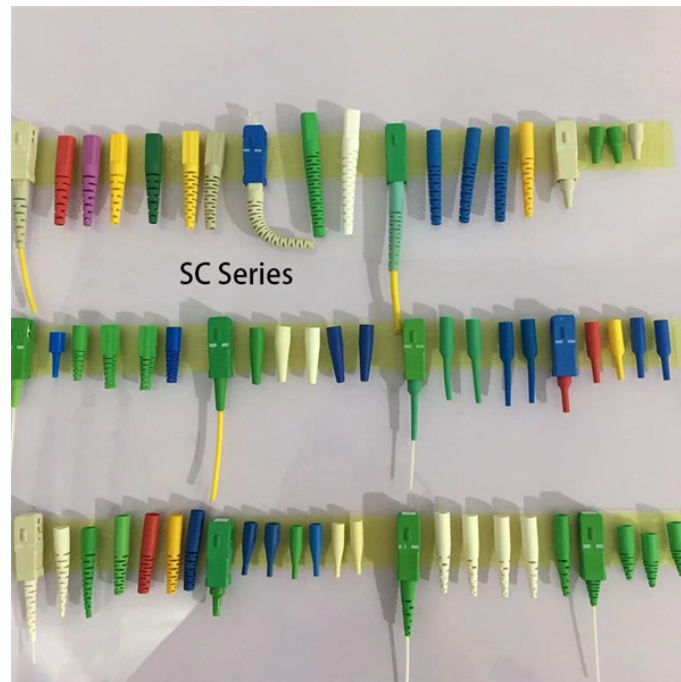


# What does a 1.2T optical module look like



## Overview

The DWDM line module provides 1.2 Tbps of Client and 1. The line module is capable of mapping Client traffic to 200/300/400 Gbps Trunk wavelengths of ITU-T fixed or super channels providing. Acacia, now part of Cisco, is once again introducing a ground-breaking coherent solution with the industry's first 1.2T) faceplate pluggable coherent module, highlighting a new 8th generation Coherent Interconnect Module family, powered by Acacia's Jannu 5nm CMOS digital. The Acacia AC1200 1. Utilizing two wavelengths, with up to 600-Gbps capacity each, it supports transmission speeds of up to 1.2 Tbps DWDM line module enhances dense wavelength-division multiplexing (DWDM) transmission with the new 400G client interface and 400GE client protocol support. It combines Acacia's Jannu DSP with 3D Siliconisation packaging technology which includes the SiPh PIC, high-speed modulator driver and TIA in a single. Acacia says its AC1200-SC2 coherent module is the first single-chip coherent module to deliver 1.

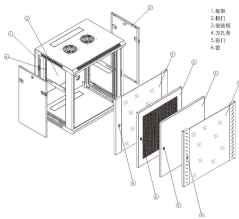
## What does a 1.2T optical module look like



Acacia will demonstrate its AC1200-SC2 module at the upcoming European Conference on Optical Communications (ECOC) taking place September 22 - 26, 2019 in Dublin, Ireland.



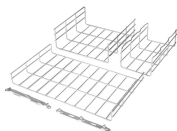
Acacia has many reasons to be excited about this year's European Conference on Optical Communications (ECOC) and one of the top ones is demonstrating our new AC1200-SC 2 ...



Utilizing two wavelengths, with up to 600 Gbps capacity each, Acacia's AC1200 supports transmission speeds of up to 1.2 Tbps in a footprint which is 40% less than the size of a 5" x 7" ...



View the TI Optical module block diagram, product recommendations, reference designs and start designing.



Pluggable optical transceiver modules are essential components in data communication systems, widely used as optical interconnects at the termination of fiber optic links. These modules perform the ...



It combines Acacia's Jannu DSP with 3D Siliconisation packaging technology which includes the SiPh PIC, high-speed modulator driver and TIA in a single opto-electronic package. The ...



The module combines the new Jannu DSP with the next generation of Acacia's 3D Siliconization packaging technology combining the silicon photonics integrated circuit, high-speed ...



The CIM 8 is designed to enable network operators to double their transmission capacity over even greater reaches. For links requiring maximum capacity, the new module can provide 1.2T ...



The Acacia AC1200 1.2T Coherent Module is powered by the company's Pico digital signal processor (DSP) ASIC. Utilizing two wavelengths, with up to 600-Gbps capacity each, it supports ...



The Cisco NCS 2000 1.2 Tbps DWDM line module (Figure 1) simplifies the integration and transport 100/400 Gigabit Ethernet and Optical Transport Unit Level 4 (OTU-4) interfaces and ...

## Contact Us

For more information, pricing, or custom network solutions, please contact us:

Website: <https://hashherbcafe.co.za>

Email: [hello@hashherbcafe.co.za](mailto:hello@hashherbcafe.co.za)

Phone: +27 63 814 7295

Address: 15 Galaxy Road, Linbro Business Park, Johannesburg, 2065, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

