

Product Brief



Description

Avago Technologies supplies Indium Phosphide chips and TO-cans as technology enablers for TOSA/ ROSA, large form factor component and module manufacturers. Avago has been a long-time industry leader in the design, fabrication and quality assurance of high-performance laser and detector chips, with over 25 million devices operating in the field and with >350 billion service hours (<1 FIT) since 2005 providing an unsurpassed record for ultra-high reliability. For Dense WDM applications up to 10Gbps, Avago offers class-leading capabilities in the management of direct modulated (DML) and electro-absorptive modulated (EML) lasers at C and L band wavelengths, for assured supply and flexibility. High temperature DFB, Fabry Perot and APD detector chips up to 10Gbps as well as TO-can based solutions compliment the product portfolio.

Ordering Information

Code	Rate	Comment
295x	CW to 2.5Gb/s	1.5mm DFB [1,2]
299x	2.5Gb/s to 10Gb/s	1.3mm Fabry Perot
293x	2.5Gb/s to 10Gb/s	1.3mm DFB [1]
294x	2.5Gb/s to 10Gb/s	1.5mm EML [2]
124x	2.5Gb/s to 10Gb/s	APD chip/ CoC

Features & Advantages:

- Industry leading chip (die) designs as used in Avago TOSA/ ROSA and component products
- PON/ FTTx, Datacom & Telecom applications
- Extremely high reliability with over 200 billion field service hours, <15 FIT random hazard rate
- CW to 10Gb/s FP, DFB, EML and APD chips
- CWDM and DWDM DFB and EML options
- Chip and chip-on-carrier APD options
- Existing high-volume TO-can packaging platform with multiple window/ lensing options

Code	Rate	Comment
TO295x	2.5Gb/s	1.5mm DFB [1]
TO299x	10Gb/s	1.3mm FP in TO can
TO293x	2.5Gb/s to 10Gb/s	1.3mm DFB in TO can [1]

Notes:

1. CWDM options available
2. DWDM options available

For product information and a complete list of distributors, please go to our web site: www.avagotech.com

Avago, Avago Technologies, and the A logo are trademarks of Avago Technologies in the United States and other countries. CyOptics and the CyOptics logo are trademarks of CyOptics, Inc. in the United States and other countries. Data subject to change. Copyright © 2005-2013 CyOptics, Inc. All rights reserved. AV02-4128EN - June 5, 2013

