

Product Brief



Key Features

- Industry-leading chip designs
- Very high reliability with over 1 trillion field service hours
- TO56 package on a high-volume platform
- Up to 10-Gb/s DML (DFB), EML

Applications

- PON/fiber to the home ONU/OLT
- SONET/SDH
- Fibre Channel (FC)
- Gigabit Ethernet (GbE)

TO293/TO294/TO295

TO-Can Lasers

Overview

Broadcom supplies TO-cans that contain InP die as technology-enablers for TOSA/ROSA and module manufacturers. Broadcom has been a long-time industry leader in the design, fabrication, and quality assurance of high-performance laser and detector chips with over 1 trillion device field hours (< 1 FIT) since 2005—an unsurpassed record for ultra-high reliability.

Broadcom offers class-leading capabilities in the design and manufacture of direct modulated (DML) DFB lasers and electro-absorptive modulated (EML) lasers for solutions up to 10 Gb/s.

Ordering Information

Product Code	Description
TO293Bx	2.5-Gb/s, 1.3- μ m TDM and CWDM DFB TO Can
TO295Jx	2.5-Gb/s, 1.5- μ m TDM and CWDM DFB TO Can
TO295J149x	2.5-Gb/s, 1.49- μ m TDM DFB TO Can
TO294YSx	10-Gb/s, 1.5- μ m TDM EML TO Can
TO294US157P	10-Gb/s, 1.577- μ m TDM EML TO Can
TO295J1xxT	10-Gb/s, 1.5- μ m CWDM DFB TO Can
TO293B1xxT	10-Gb/s, 1.27- μ m to 1.45- μ m CWDM DFB TO Can

Mouser Electronics

Authorized Distributor

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Broadcom Limited:

[TO295J149-CDZ](#) [TO293B127-CDZAA](#) [TO293K-EFAX](#) [TO299K-EFAX](#) [TO293B127T-ECAX](#) [TO293BU-CDZ](#)
[TO295J-CDZC](#) [TO295J151-CDZCA](#)