

TO293 CWDM Series

1270nm to 1450nm DFB TO-Can Package
for 10Gb/s Applications



Product Brief



Description

The TO293 CWDM is a hermetically sealed device with a photo diode for optical output monitoring. It incorporates 1270nm to 1450nm single mode edge-emitting laser diode chips for use in uncooled applications up to 10.7Gb/sec. The laser is mounted into a TO header and is hermetically sealed with a specific lens cap. The laser design is buried hetero structure with multi-quantum well (MQW) active layers and distributed-feedback (DFB) grating layer. All laser chips come from wafers that have been certified using a representative lot of devices that must achieve an acceptable yield for burn-in and other multi-temperature, CW and dynamic tests.

Features

- Low threshold current
- High bandwidth
- Qualified as per intent of Telcordia GR-468
- Operating temperature -40 °C to 85 °C

Applications

- Supports performance up to 10.7Gb/sec bit rate
- LR1 SONET/SDH OC192/STM-64
- 10Gb/s Gigabit Ethernet
- 10Gb/s Fiber Channel

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

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