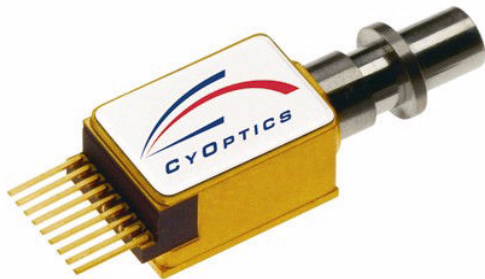


1608L1-Series MSA-compatible 4.25Gb/s Cooled DWDM DFB TOSA



CyOptics' 1608 type TOSA is available with LC receptacle (for use in DWDM SFP and other pluggable transceivers)

Features

- Ultra small form factor 9-pin MSA DFB TOSA
- Data rates up to 4.25Gb/s
- For use up to 80 km (1600 ps/nm) at 4.25 Gb/s
- +3 dBm minimum optical output power
- Wavelength selectable to C-band ITU-T grid wavelengths
- Suitable for use in 100GHz channel spacing DWDM systems
- Temperature stabilized; can also be operated in partially cooled mode for CWDM applications
- Maximum power consumption less than 0.25W
- LC receptacle
- 25Ω single-ended data input
- Operating case temperature range -5 to +75C

Description

The 1608-Series 4.25 Gb/s transmitter optical sub-assembly (TOSA) integrates a high-speed laser, a monitor photodiode and a micro-TEC in a small form-factor metallized ceramic package. It is designed for use in small form-factor pluggable (SFP) transceivers and other types of optical modules for high-speed telecommunication and data applications including WDM 4X Fiber Channel and 4G Gigabit Ethernet.

The 1608-Series is available in the full range of C band ITU-T wavelengths operating at 4.25 Gb/s per channel. The device exhibits excellent wavelength stability, supporting operation at 100 GHz channel spacing over 15 years (assuming an end-of-life aging condition of $\leq \pm 90$ pm), with low hazard rates (~ 100 FIT wearout over 20 yrs.).

1608L1xx is the standard commercially available variant.

For full product datasheets and other information, please contact us at: sales@cyoptics.com