AFCP-T4X25EL-Series
4x25Gb/s TOSA for 100 Gigabit Ethernet

Avago TECHNOLOGIES

Product Brief

Description

Avago Technologies' AFCP-T4X25EL-Series TOSA is a cooled, 4x25Gb/s, 1310nm transmit optical sub-assembly, consisting of four high reliability, high performance EML lasers and an optical multiplexer to combine the outputs from the four lasers. These elements are packaged in an hermetic, planar package with an LC receptacle. The electrical interface is through two flex connects. The TOSA is intended for use in CFP, CFP2 and CFP4 modules, serving the 100GBASE-LR4 application, per the IEEE 802.3ba standard.

Features

- Four high-reliability, high performance EML lasers
- -5 to +75°C case operating temperature range
- 25.78125Gb/s data rate for each channel
  - Capable of 27.952Gb/s operation
- Mechanical design suitable for CFP, CFP2 and CFP4 applications
- LC receptacle, with integrated optical isolator, electrically isolated from TOSA body
- Flex circuit electrical interface
- LAN WDM wavelengths

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

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