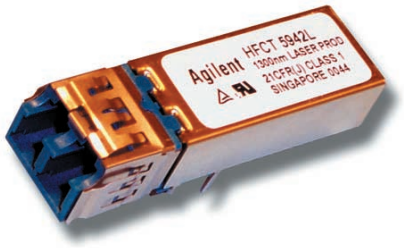
Agilent HFCT-5942L 3.3V Singlemode 2x10 LC SFF Fiber Optic Transceivers

Product Brief



2x10 LC SFF Background

The 2x10 LC SFF optic transceivers supplied by Agilent support the SFF MSA. It is a high volume solution for the OC-48 markets supported by a world class manufacturing facility. It is highlighted by its excellent EMI, eye quality and jitter performance and is fully 2nd sourced by several transceiver manufacturers.

About the Product

Agilent's single mode 2488 Mbit/s transceivers are designed to provide OC-48 ATM/SONET standards compliant links for WAN switches. The products are used to carry traffic in the Metro edge and high speed router interfaces.

HFCT-5942L Part Description

- 1300 nm, single mode, FP laser based, 2x10 footprint, LC SFF transceiver for up to 2km links
- Plastic chassis, metalized case, with metal nose shield

Typical Applications

- **ATM and WAN switches**
- **OC-48 interfaces for routers**
- **OC-48 interfaces for WDM equipment**

Product Features and Benefits

- **2x10 LC SFF**
  - Small footprint utilized in high density applications
- **2x10 pin out functionality**
  - Rx power, laser bias and back facet monitor diode
- **Industry Standard compliant, multi source**
  - Assures multiple sources of supply
- **Independent source of VCSEL and FP Lasers**
  - Alternative source for active components beyond the module level
- **Metal case and nose shield**
  - Provides excellent EMI performance for panel mounting
- **Wave solder and aqueous wash process compatible**
  - Compatible with automated PCBA assembly processes
- **High Volume solution for OC-48 markets**
  - Low Cost, high reliability and readily available supply
- **World class manufacturing facilities to support rapid growth and High volumes for OC-48 markets**
- **Worldwide application support**
  - Easy for design-in
- **Excellent Product performance**
  - High quality, EMI and jitter

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Data subject to change.

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