

Avago HFBR-5710LP Datasheet



Avago 1.25Gbd 850nm 3.3V LC Duplex Pluggable SFP Transceiver Module

HFBR-5710LP

The HFBR-5710LP optical transceiver is compliant with the specifications set forth in both the IEEE802.3 (1000BASE-SX), and the Small Form-Factor Pluggable (SFP) Multi-Source Agreement (MSA). Its primary application is servicing Gigabit Ethernet links between optical networking equipment. It offers previously unavailable system cost, upgrade, and reliability benefits by virtue of being hot-pluggable. Further, it incorporates the latest 3.3 VDC compatible transceiver technology including an 850nm VCSEL transmitter as well as a convenient LC-Duplex optical interface.

Features

- Full Compliance with the Optical Performance Requirements of the FDDI PMD Standard
- Full Compliance with the FDDI LCF-PMD Standard
- Full Compliance with the Optical Performance Requirements of the ATM 100 Mbps Physical Layer
- Full Compliance with the Optical Performance Requirements of 100 Base-FX Version of IEEE 802.3u
- Very Low Cost 800 nm Alternative with FDDI and ATM Compliant Signaling
- Multisourced 1x9 Package Style with Choice of Duplex SC or Duplex ST* Receptacle
- Wave Solder and Aqueous Wash Process Compatible
- Manufactured in an ISO 9002 Certified Facility

Applications

- Multimode Fiber Backbone Links
- Multimode Fiber Wiring Closet to Desktop Links
- Very Low Cost Multimode Fiber 800 nm Links from Wiring Closet to Desktop

Specifications

- Data-Rate: 1.25Gbd
- Wavelength: 850nm
- Applications: Ethernet
- Voltage-Supply: 3.3V
- Connector-Type: LC Duplex
- Mounting-Type: Pluggable, SFP

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