

LCC Multi-path Optical Module



Overview

GIGAC Technology's LCC48 series 4-transmit 4-receive SMD parallel transceiver modules, as a benchmark product matrix integrating microwave and photonics technologies in depth, are based on multi-wavelength technology and build a full-rate communication solution covering 155Mbps to 10.3125Gbps. The LCC series parallel optical transceiver module is designed for short-distance high-speed data communication and parallel optical interconnects, such as optical backplanes, server-to-storage array connections, and radar processing systems. It features compact size, low electromagnetic radiation. F-tone Networks is a brand of fiber optic products factory outlet dedicated to delivering quality compatible optical transceivers at wholesale price. Our products include SFP,SFP+,SFP-DD,SFP28,SFP56,QSFP,QSFP28,QSFP56,QSFP112,QSFP-DD,OSFP,XFP,SFF2X5,SFF2X10,LCC48,1X9,snap12,POB,WDM,CWDM,DWDM,optic. This chapter describes the optical interface module (OIM) cards and optical interface module light emitting diode (OIM-LED) cards. Each OIM card. The utility model provides a multichannel parallel microwave optical conversion system of LCC encapsulation, including the base plate, the welding is in the base plate one side and the inside tube that is equipped with the wall body that is used for forming a plurality of independent shielding. Gigac Technology's LCC (Leadless Chip Carrier) parallel optical module embodies a breakthrough in manufacturing elegance. After a year of...

Article Content

Multipath Interference Impact Due to Fiber Mode

Multiband transmission is, nowadays, being implemented worldwide to increase the optical transport network capacity, mainly because it uses the

LC Multimode Fiber Optic Cable Assemblies – Mouser

LC Multimode Fiber Optic Cable Assemblies are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for LC Multimode Fiber Optic Cable Assemblies.

The Ultimate Guide to Fiber Optic Modules and Patch Cords:

Fiber optic technology is the backbone of modern high-speed communication networks, yet selecting the right modules and patch cords can be daunting. This guide demystifies fiber optic standards,

Multi-channel optical module based on PLCC packaging

This paper studies the multi-channel digital Optical module based on PLCC packaging, and designs and manufactures a small 4-channel parallel receiving and emitting module. The

Optical Interface Modules and

This chapter describes the optical interface module (OIM) cards and optical interface module light emitting diode (OIM-LED) cards. It includes the following sections: •

CPO vs LPO: Choosing the Right Path for Next-Gen

CPO vs LPO: Compare key differences, benefits, power savings, and best use cases for data centers to choose the right optical technology for your

The Research on Multi-Channels Optical Receiver Module for High

In this paper, a cost-effective 25-Gb/s × 4-ch optical receiver module for large-capacity and high-speed optical interconnection is presented firstly. The structure of the optical module provides efficient

Our new SFP modules with LC duplex connection are

Compact, industrial housing with SFP interface and LC duplex socket for immediate connection of a fibre optic patch cable to network devices such as switches,

10G 850nm LCC multi-channel parallel optical module (supports reflow ...

This process seamlessly solders LCC (Leadless Chip Carrier)-packaged optical modules to PCB substrates by precisely controlling the temperature profile

A general design method for ultra-long optical path length multipass ...

For the first time, we propose a general design method for ultra-long optical path length (OPL) multipass matrix cells (MMCs) based on multi-cycle mode of two-sided field mirrors. The

Custom LCC Optical Transceiver Module manufacturer,LCC Optical ...

The LCC series parallel optical transceiver module is designed for short-distance high-speed data communication and parallel optical interconnects, such as optical backplanes, server-to-storage

10G 850nm LCC Multi-channel Parallel Optical Module

The packaging materials and structure of the module have undergone special

LCC48 Optical Receiver,10G,12Rx,Type A - F-tone Networks

Every module is quality tested for compatibility in the multi-brand switches environment, guaranteeing flawless operations.

LC Adapters and Cable Assemblies

LC Adapters and Cable Assemblies LC Adapters and Cable Assemblies meet the growing demand for small form factor, high-density fiber optic connectivity with simplex, duplex, single-mode and

LCC Series Parallel Optical Transceiver Module

The LCC series parallel optical transceiver module is designed for short-distance high-speed data communication and parallel optical interconnects, such as

Gigac Technology

Gigac is a leading manufacturer of fiber optic communication components and GPON equipment. We specialize in producing a wide range of optical transceivers,

LCC48 Optical Transceivers - F-tone Networks

F-tone Networks is a brand of fiber optic products factory outlet dedicated to delivering quality compatible optical transceivers at wholesale price. Our products

LCC Optical Transceiver-Optical Transceiver-Gigac Technology

Gigac Technology's LCC (Leadless Chip Carrier) parallel optical module embodies a breakthrough in manufacturing elegance. After a year of dedicated R& D, we've mastered reflow soldering

Optical fiber connector

An optical fiber connector is a device used to link optical fibers, facilitating the efficient transmission of light signals. An optical fiber connector enables quicker

Optical Interface Modules and Optical Interface Module LED Card

This chapter describes the optical interface module (OIM) cards and optical interface module light emitting diode (OIM-LED) cards. It includes these sections: OIM cards are used to connect the FCC

LCC Optical Transceiver-Optical Transceiver-Gigac Technology

We specialize in producing a wide range of optical transceivers, including SFP, SFF, Mini-SFF, LCC, and Parallel Optical Modules, as well as OLT and ONU solutions.

4-transmit 4-receive LCC48 SMD parallel transceiver module-LCC

This series of products adopts a compact LCC48 package design and realizes efficient data transmission in multi-rate scenarios through a collaborative architecture of 4 parallel transmitting and

10G Multi-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 300 m using multi-mode fiber with a duplex LC UPC connector.

Reach Further, Faster: Your Ultimate Guide to Long-Range 10G Optical ...

Long-range 10G optical modules enable high-speed data over distances up to 80km. Learn about types, specs, compatibility, and choosing the right module.

IDC InfoBrief

Optical modules characteristically have an electrical interface on the side that connects to the inside of the system, and an optical interface on the side that connects to the outside world through a fiber

CN112601442A

The invention belongs to the technical field of radio frequency microwave optical demodulation, and particularly relates to a multi-path parallel microwave optical conversion system for LCC...

Contact Us

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