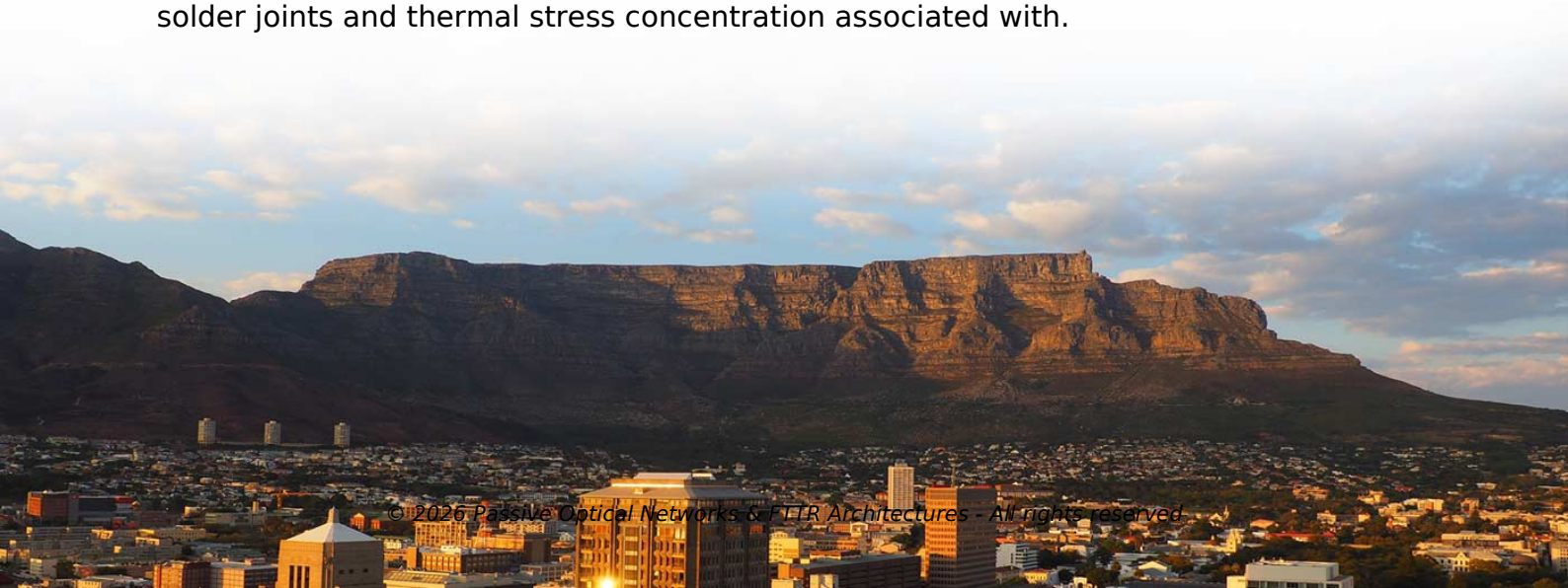
LCC packaged parallel optical module

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. 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. 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. Parallel optics are widely used in. This process seamlessly solders LCC (Leadless Chip Carrier)-packaged optical modules to PCB substrates by precisely controlling the temperature profile, achieving pinless surface mount technology (SMT) and avoiding the problems of cold solder joints and thermal stress concentration associated with.



Article Content

Oct 22, 2025

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

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 ...

Mar 25, 2026

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.

Sep 07, 2025

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.

Jan 10, 2026

Parallel Optic Modules

Designed to operate on multimode fi ber systems at a nominal wavelength of 850 nm, the Par-allel Fiber-Optic Modules feature high-performance, highly reliable, short wavelength optical devices, coupled ...

Mar 28, 2026

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

The module''s packaging materials and structure have been specially optimized to withstand peak temperatures of up to 260°C during the reflow soldering process without damaging the internal ...

Apr 30, 2026

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 optical backplanes, server-to-storage ...

Sep 17, 2025

Parallel Optical Transceivers & AOC – CablesTEC

CablesTEC''s parallel high-speed optical modules use mature optical components and manufacturing processes, and have great low-cost advantages compared with wavelength division optical modules ...

May 07, 2026

66125 datasheet

DESCRIPTION The 66125 optocoupler contains two completely isolated optocouplers in a hermetically sealed 20 pin LCC package. Each channel provides high switching speeds while providing high ...

Aug 18, 2025

Skyworks | Products Details

Each optocoupler consists of an LED and N-P-N silicon phototransistor that is electrically isolated, but optically coupled inside a hermetic, 4-pin leadless chip carrier (LCC) package.

Dec 14, 2025

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 ...

Contact Us

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