

Optical Module Die-cast Base



Overview

This custom die cast module bracket is purpose-built for optical communication equipment, serving as a precision structural component for optical transceivers, data modules, and network devices. Our housings are integrally die-cast from aluminum alloy. Manufactured from premium-grade zinc alloy via high-pressure die casting, the bracket delivers. Die-Casting Base is high-quality die cast components. Die casting is a precision casting method, it uses high pressure to melt metal and then press it into various shapes of metal molds. Once a component. This high-precision die-cast housing is specifically designed for QSFP-DD (Quad Small Form-factor Pluggable – Double Density) optical transceivers. Engineered to meet the rigorous demands of next-generation data centers, it supports eight-lane interfaces for 400G and emerging 800G bandwidth. Since established in 2002, Shenzhen Aoli Casting Hardware Products Co., Ltd has been grown from a professional zinc alloy die-casting manufacturer to a professional enterprise engaged in the research, development, design and manufacture of Optical module components, automation system and processing. This transceiver housing assembly is purpose-built for protecting advanced optical modules while providing robust electromagnetic shielding.



Article Content

Hot

Custom Precision Die-Cast Aluminum Optical Module Housing with ...

Custom precision die-cast aluminum housings designed for high-speed optical modules, featuring integrated heat sink fins, EMI shielding structure, and standard form factor mounting interface. They

Jan 25, 2026 Hot

Optics Die Casting

Our Optical Die Casting Service Qualifications With Elimold, you can enjoy the best advice and practical solutions for optical die casting molds and mass production

May 08, 2026 Hot

High-Speed Optical Module Enclosure Assembly

Custom split-piece precision metal housing, designed for high-speed optical transceivers requiring superior EMI/RFI shielding and mechanical protection. Features precision-machined complex

Jul 15, 2025 Hot

Assemblable Die Casting Base for Optical Module

Bulkbuy Assemblable Die Casting Base for Optical Module price comparison, get China Assemblable Die Casting Base for Optical Module price comparison from Zinc Alloy Optical Module Structure,

Mar 29, 2026 Hot

High-End Aluminum Die Casting Base Parts for Optical Module

Since established in 2002, Shenzhen Aoli Casting Hardware Products Co., Ltd has been grown from a professional zinc alloy die-casting manufacturer to a professional enterprise engaged in

Nov 21, 2025 Hot

Custom Precision Die Cast Dual-Slot Optical Transceiver Housing

Custom high-precision die cast dual-slot housing made of zinc alloy, designed for dual optical transceivers/modules. Features tight dimensional tolerance, precise port geometry, and reliable EMI

Jun 29, 2026 Hot

Die-Casting Small Base For Optical Transceiver Housing

Die-Casting Small Base is high-quality die cast components. Die casting is a precision casting method, it uses high pressure to melt metal and then press it

Nov 13, 2025 Hot

Optical module - A comprehensive exploration

The optical module is one of the core devices of the optical communication system, and its development has a vital impact on its related

Nov 17, 2025 Hot

High-End Aluminum Die Casting Base Parts for Optical Module

High-End Aluminum Die Casting Base Parts for Optical Module, Find Details and Price about Die Casting Zinc Alloy Parts from High-End Aluminum Die Casting Base Parts for Optical

Aug 06, 2025 Hot

Custom Precision Die-Cast Aluminum QSFP/QSFP-DD Optical Module

Custom precision die-cast aluminum housings designed for QSFP/QSFP-DD high-speed optical modules. Featuring modular snap-fit assembly, full EMI shielding structure, and standard form factor

Apr 14, 2026 Hot

OFC 2026 Heralds Optical Shift for AI Factories

The Optical Fiber Communications Conference (OFC) in Los Angeles this week gives a view of the optical technologies that will form the basis for future networking for AI

Jul 27, 2025 Hot

Die Casting Optical Transceiver Housing

Sunrise - Your One-Stop Die Casting Optical Transceiver Housing Manufacturer With more than 15 years of experience in precision die casting, we focus on providing high-reliability die casting optical

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Die Cast Optical Parts | Precision Solutions for High-End Optics

The die cast optical components mentioned in this article refer to parts manufactured through the die casting process that provide support or protection for your optical equipment. Potential applications

Feb 16, 2026 Hot

Die-Casting Small Base For Optical Transceiver Housing

The structural organization of precision Die-Casting Small Base is tight and the strength is relatively high. Die casting provides high-speed production and

Oct 02, 2025 Hot

Die-Casting Optical Port Base For Optical Transceiver

Die-Casting Optical Port Base is made by die casting, which is a precision casting method that uses high-pressure force to melt metal into the metal mold.

Apr 30, 2026 Hot

Custom Precision Die Cast Module Bracket / Housing for Optical ...

Custom precision die cast module bracket made of high-quality zinc alloy. Features tight dimensional tolerance, precise slot geometry, and robust mechanical strength.

Aug 22, 2025 Hot

Die Cast Optical Parts | Precision Solutions for High-End Optics

Therefore, after careful comparison, we still recommend die cast optical parts. They offer high production efficiency and achieve tight tolerances, with a low error ranges, fully meeting your requirements.

Aug 04, 2025 Hot

FACT-ODF | CommScope

The FACT ® optical distribution frame (ODF) solution from CommScope is a compact, customizable, and fully front-accessible solution that maximizes usable density. The FACT solution includes four

Jul 14, 2025 Hot

Precision Die Cast Qsfp Dd 800g PAM4 Optical Module Housing

This high-precision die-cast housing is specifically designed for QSFP-DD (Quad Small Form-factor Pluggable – Double Density) optical transceivers. Engineered to meet the rigorous demands of next

Sep 01, 2025 Hot

Optical Module: A Comprehensive Analysis from Source

Optical modules are key transmission components in communication networks, and their applications, technologies, types, and terminology are

May 31, 2026 Hot

Low Price SFP Die Cast Customizable Optical Housing | Alibaba

Discover low-priced SFP die cast hardware housing for optical modules with all-metal construction, 850nm DDM SFP+ SR MMF compatibility, and 300m range. Available for purchase starting from just

Sep 02, 2025 Hot

Custom Die Casting For Optical Transceiver Enclosure Supplier

Find high-quality SFP die castings for optical modules. Precision and durability from reliable zin die casting parts suppliers. Contact for best price!

Apr 30, 2026 Hot

Customized Zinc Alloy Die-Cast Optical Module Connectors Housing

OEM Customized LC Single-fiber SFP for Bidi Optical Module: Unlock the potential of your network with our tailor-made solutions, expertly crafted for flawless integration into optical link switches and optical

Jul 12, 2025 Hot

High-Quality Die-Cast Housing for Optical Module 400g Qsfp Sr8

Discover the 400G QSFP SR8 Optical Module Housing, designed to revolutionize Enterprise Network Data Centers. Constructed with superior Zinc Alloy Die Casting Metal SFP to deliver unprecedented

Jul 29, 2025 Hot

Die Casting Optical Transceiver Housing

Our housings are integrally die-cast from aluminum alloy. Focus on controlling the dimensional accuracy of key mating interfaces and the flatness of contact surfaces, and structurally ensure the connection

Apr 09, 2026 Hot

Custom Die Casting For Optical Transceiver Enclosure Supplier

GuangWei supplies SFP / SFP+ module housings with precision zinc alloy die-casting. High EMI shielding, superior heat dissipation, MSA-compliant design for optical transceivers.

Jan 03, 2026 Hot

Custom Die Casting For Optical Communication | GuangWei

Die casting is used for optical communication components to produce precision parts with complex geometries, such as SFP module housings, optical nodes, and conversion sleeves.

Apr 26, 2026 Hot

FS Community

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

May 31, 2026 Hot

Optical module

An optical module is a typically hot-pluggable optical transceiver used in high-bandwidth data communications applications. Optical modules typically have an electrical interface on the side that

Dec 22, 2025 Hot

Die-Casting Base For Optical Module Housing

The structural organization of precision Die-Casting Base is tight and the strength is relatively high. Die casting provides high-speed production and complex shapes,

Jul 24, 2025

Contact Us

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