

Zinc alloy die-cast interface for optical modules



Overview

In particular, Zinc Alloy shell for communication connector and Zinc Alloy Housing for Coaxial Cable Connectors offer a robust and reliable solution for modern optical modules. At Dongguan GuangWei Communication Technology Co. Experience unparalleled connectivity with state-of-the-art, custom-designed SFPs. 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. Manufactured from premium-grade zinc alloy via high-pressure die casting, the bracket delivers. Zinc alloy has emerged as a preferred material for housing these components, thanks to its outstanding strength, shielding capabilities, and precision casting performance. The die-casting process involves pouring molten metal into a mold, and zinc excels—its high fluidity makes it ideal for. Cutting, Grinding Machines, Welding Equipment, all kinds of Polishing Equipment, Precision Casting various production Equipment. STEP, STP, GIS, CAD, PDF, DWG, DXF etc or samples. Please feel free to get in touch with us using the contact form below.



Article Content

Customized Precision Zinc Alloy Die Casting Parts Die-Cast Optical ...

Customized Precision Zinc Alloy Die Casting Parts Die-Cast Optical Module Connectors Housing

Customized Precision Zinc Alloy Die Casting Parts Die-Cast Optical ...

Service Die Casting Service CNC Machining Service OEMParts Material Zinc Alloy, Aluminum Alloy, Stainless steel, Copper Finish Sandblasting, Mirror light, Sanding, Electroplating, Spray

Zinc Alloy Die Casting: A Complete Guide by Eesson

Known for its exceptional strength, dimensional stability, and smooth surface finish, zinc alloy casting is widely used in industries ranging from automotive to

Die Cast Metal Housing for Fiber Optic Communication Modules

Please feel free to get in touch with us using the contact form below. We'd love to hear for you.

Custom Die Casting For Optical Communication | GuangWei

At Dongguan GuangWei Communication Technology Co., Ltd., we engineer high-precision zinc and aluminum alloy die-cast housings for next-generation optical transceivers — including SFP, SFP+,

optic module, zinc alloy handle, zinc handle

The custom optic module, zinc handle, electronics module, fiber connector adapter produced by die casting or stamping or injection plastic, for consumer electronics and electrical parts and

Low-Profile Zinc Alloy Die Casting for Compact 400g 800g Qsfp-Dd Modules

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

Aerospace Optical Communications: Lightweight and High-Strength Zinc ...

Aerospace Optical Communications: Lightweight and High-Strength Zinc Die-Cast Components for Satellites, Find Details and Price about Osfp 800g Optical Module Case from Aerospace Optical

Die-Cast Zinc Alloy Housing 10g SFP for Router Optical Interface

Our state-of-the-art facility is equipped with 15 state-of-the-art Swiss lathes, 20 CNC lathes, and 10 cutting-edge precision zinc alloy die-casting machines. We specialize in delivering high-precision

Why Optical Module Manufacturers Choose Zinc Die Casting As

Many optical module manufacturers choose zinc die casting for their housings because it offers a unique combination of precision, strength, and production efficiency.

What makes Zinc Alloy the superhero of optical module shells?

A critical but often overlooked component in this system is the zinc alloy shell for optical module connectors. These metal housings not only provide structural strength but also protect delicate

Zinc Die Casting QSFP28 Housings for Optical

QSFP28 modules often operate in harsh environments, and the housing must protect the internal components from moisture, dust, and other

Zinc Alloy Die-Cast 10g SFP-T Housing for RJ45 Modules

As a benchmark for the hardware processing and SFP optical module housing industry, our zinc alloy die-casting technology promises unparalleled efficiency and precision for the most demanding

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

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.

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

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.

Precision Die Casting Optical Module Housing

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

Custom Zinc Alloy Casting for 800g 2X400g Multi-Core Modules

Custom Zinc Alloy Casting for 800g 2X400g Multi-Core Modules, Find Details and Price about Osfp 800g Optical Module Case from Custom Zinc Alloy Casting for 800g 2X400g Multi-Core Modules -

Customized Zinc Alloy Die-Cast Optical Module Connectors Housing

As an SFP optical module housing industry benchmark, our zinc alloy die-casting technology ensures efficiency and precision for demanding communication equipment.

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

Die-Cast Zinc Alloy Sealed Housing for 10g SFP Optical Modules

As a benchmark for the hardware processing and SFP optical module housing industry, our zinc alloy die-casting technology promises unparalleled efficiency and precision for the most demanding

Custom Precision Die-Cast Aluminum High-Speed Optical Module

This precision-engineered die-cast aluminum housing is purpose-built for high-speed optical transceivers used in telecom backbone networks and data centers. Manufactured via high-pressure die casting +

Case Study: Zinc, Aluminum, and Magnesium Alloy Die Casting Parts

These examples illustrate the typical applications and core performance requirements of zinc-, aluminum-, and magnesium-alloy die-cast parts. This content helps product developers,

#opticalmodules #zincdiecasting #toolingdesign

Head of R&D / International Sales, Die Casting | Advanced Alloy Development & Process Optimization | High Precision Die Casting for Optical Module Transceivers, Automotive/EV. | zinc aluminum ...

Precision Zinc Alloy Casting for 1.6t 800g High Speed Optical Modules ...

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

Die Cast Zinc Alloy For Optical Modules

China Die Cast Zinc Alloy For Optical Modules Manufacture, Visit Here to Find the Die Cast Zinc Alloy For Optical Modules That You are Searching for.

Precision Sc Duplex Housing, Zinc Alloy Die-Cast for Fiber Modules

As a benchmark for the hardware processing and SFP optical module housing industry, our zinc alloy die-casting technology promises unparalleled efficiency and precision for the most demanding

Top Tier Factory for 400g 800g 1.6t Optical Modules with Advanced Zinc ...

Top Tier Factory for 400g 800g 1.6t Optical Modules with Advanced Zinc Alloy Die Casting, Find Details and Price about Osfp 800g Optical Module Case from Top Tier Factory for 400g 800g 1.6t Optical

Zinc Aluminum Alloy Die Castings for Optical Module

Zinc Aluminum Alloy Die Castings for Optical Module, Find Details and Price about Aluminum Cookware Automobile Accessories from Zinc Aluminum Alloy Die Castings for Optical Module - Qingdao

Enhancing Optical Module Performance with Precision Zinc Alloy Shells

At Huilan, we specialize in high-precision zinc alloy die castings parts for electronic applications, including optical communication components. With years of experience and in-house tooling

Contact Us

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