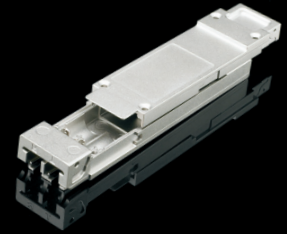


TELECOMMUNICATIONS SOLUTIONS

LOUD & CLEAR



Telecommunications engineers face the challenge of designing in a highly dynamic technological environment. Constant innovation means time-to-market is critical, along with guaranteed high-volume supply of quality components. Dynacast offers pioneering die cast solutions for all types of telecommunications applications, and is at the leading edge of designs for the new breed of mobile communication equipment with integrated computing functions, including Internet connectivity.

Mobile Applications

Dynacast has significant global experience in the manufacture of parts for mobile phones, network equipment, and connectors. Designers and consumers love having the look and feel of metal in their devices. Dynacast's proprietary multi-slide die casting process lends itself to the manufacture of small complex mobile phone components. The castability of zinc is perfect for the creation of their complex shapes.

Handheld Devices

Magnesium's greatest potential lies in handheld devices, especially those packed with electronic features, where emission and interference suppression requirements are high. Precisely cast thin-walled parts provide EMI shielding and can incorporate features for positioning electronic componentry.

Networking

Die castings are used in a broad range of networking equipment from aluminum cast RF filter boxes in base stations to high-precision die cast zinc pins in switching systems; from shielding boxes for microwaves to a wide variety of heat sinks. One of the most important applications is connector housings, which Dynacast manufactures in all shapes and sizes, in zinc, thin-walled aluminum and magnesium.

Light & Durable

Minimal additional weight from shields and frames gives maximum benefits in rigidity to ever-smaller and lighter devices. Die cast housings are extremely durable and can integrate heat sinks within their product design.

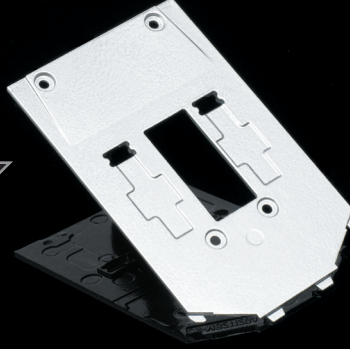


Dynacast Die Casting Benefits

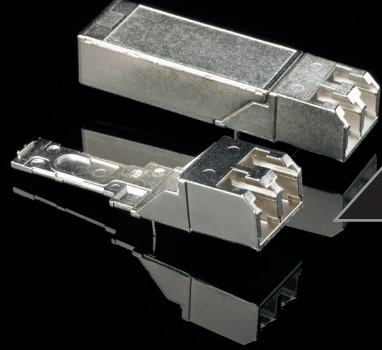
- Manufacture of complex net shapes
- Consistent quality over high volumes
- Cost-effective, high-volume production
- Tight tolerances achieved as-cast
- Over 70 years of experience assisting OEMs designing cost effective components
- Cast housings are extremely durable
- Integration of heat sinks within product design
- Fully recyclable for achieving stricter product legislation
- Wide variety of finishes from high-specification plating to cosmetic finishes for the demanding customer
- Value engineering achieves cost savings
- Part consolidation eliminates operations
- Minimal draft angles on internal features
- Proprietary thin-wall aluminum technology for telecommunication devices

Dynacast Die Casting Capabilities

Dynacast operates zinc, aluminum and magnesium die casting facilities globally, manufacturing miniature to large precision components utilizing proprietary multi-slide and conventional hot and cold chamber die casting technologies. Dynacast's knowledge, combined with structured project management methods, supports customers from concept, through rapid prototyping, tooling and pre-production stages, as well as full-scale manufacturing.




mobile phone back plate



fiber optic transceiver body and cover



telematic antenna base



mobile phone hinges & decorative parts

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