



Optoelectronic

Fabrication of components used and designed for emission, transmission, and sensing of light. Including lasers, detectors and imaging devices.

- Test Analysis and Measurement
- Detectors
- Fiber Optics
- Laser Systems
- Positioning Equipment
- Spectroscopy
- IR Imaging
- High Temperature
- Hermeticity
- Highest Light Transmission



Product Overview

	TO Style	Package Lids	Probes	Viewports
Body	Kovar Nickel Copper	Kovar	Kovar Stainless steel Titanium alloys	Standard and custom flanges
Window	Random axis Sapphire	C-axis Sapphire	Random axis Sapphire	Sapphire Up to 4.5" diameter
Finish	Nickel Gold	Nickel Gold	Nickel Gold	Custom
A/R coating	Highly durable and tuned for highest transmission	Highly durable and tuned for highest transmission	Highly durable and tuned for highest transmission	High Temperature and durability
Hermeticity	10 ⁻⁹ std cc/sec He	10 ⁻⁹ std cc/sec He	10 ⁻⁹ std cc/sec He	10 ⁻⁹ std cc/sec He
Working Temperature	-70 to 400°C	-70 to 400°C	-70 to 400°C	-70 to 400°C
Other Options	Aperture size and weld ring	Aperture size and weld ring	Custom fabrication	Custom fabrication and UV grade
Applications	IR Detection CO ₂ Sensors Fiber optic coupling	Laser Diode Fiber Optic	Spectrometry Harsh environment sensor	High pressure and temperature chambers

NOTE: The information set forth herein is offered for comparison only.



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