





# SUPERIOR QUALITY SAPPHIRE OPTICS These windows are designed for more demanding optical applications where image quality and minimizing birefringence effects are important. The starting material selected has negligible lattice distortion, and high purity.

# **Specifications:**

Material Quality: Optical Grade, produce by either the Kyropoulos Method or Heat Exchange Method

Crystallographic Orientation: c-Plane

Diameter Tolerance: + 0.00mm / - 0.10mm

Thickness Tolerance: + / - 0.10mm

Parallelism: 10 Arc Seconds Maximum

**Transmitted Wavefront Error:** 

1/4 Wave Maximum P-V @ 633 nanometers

Surface Quality: 20-10 per MIL-PRF-13830

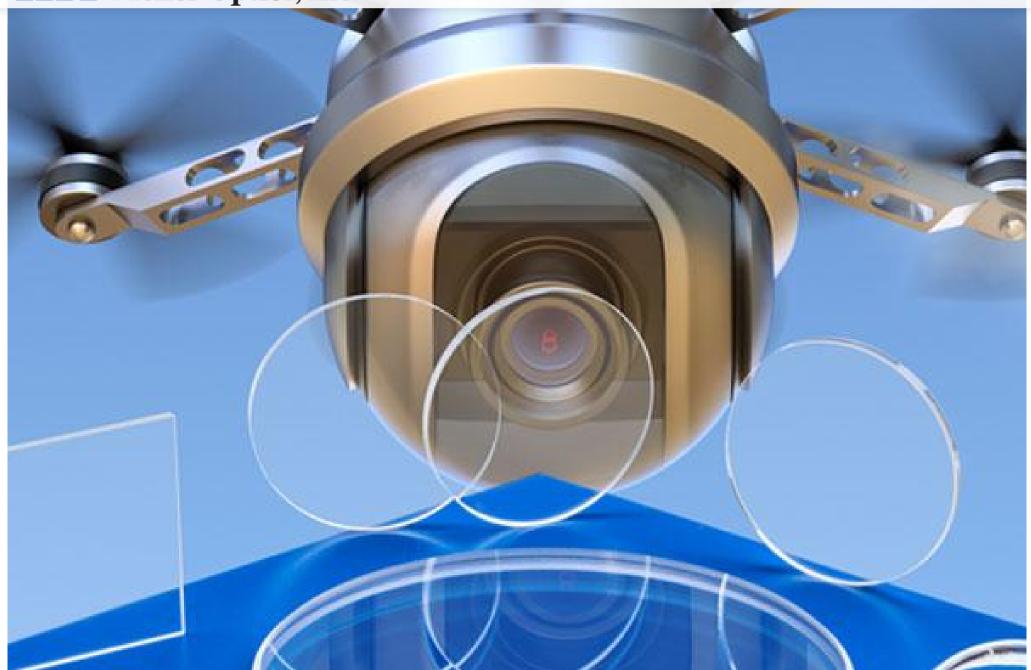
Clear Aperture: Central 85% of Diameter Face







Meller Optics, Inc.



# Click to view Common Applications

We maintain a substantial inventory of these "Superior Quality" sapphire windows and most are available for shipment from stock. For less demanding applications, we offer "Standard Quality" and for more demanding applications we offer "High-Precision Quality" sapphire windows. Orders from stock typically ship in 3-5 days. Manufacturing lead time can be 2-3 weeks. Please call the factory for expedited delivery or quantity discounts.

CONTACT

# SAPPHIRE WINDOWS / SUPERIOR QUALITY SAPPHIRE WINDOWS

CATALOG NO.	DIAMETER	THICKNESS	ORIENTATION	PRICE	ORDER
MSPW050/010M	0.500"	1.0 mm	C-Plane	\$80.00	- 1 + ADD TO CART
MSPW050/020M	0.500"	2.0 mm	C-Plane	\$85.00	- 1 + ADD TO CART
MSPW050/030M	0.500"	3.0 mm	C-Plane	\$95.00	- 1 + ADD TO CART









### **OVER 100 YEARS OF EXCELLENCE**







MSPW50M/030M

50.0 mm

3.0 mm

C-Plane

\$350.00

ADD TO CART







# MELLER OPTICS, INC.

120 Corliss Street Providence, RI 02904 800-821-0180 melleroptics.com

# **NEWS**



SAPPHIRE WINDOWS & DOMES FOR HIGH-PRESSURE AUV APPLICATIONS

# **SHIPPING**

Orders typically ship in 3-5 days. Please call the factory for expedited delivery or quantity discounts.

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