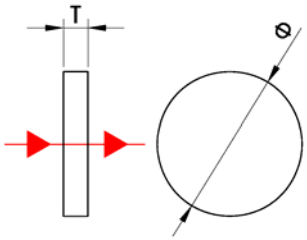
Magnesium Fluoride Window



Magnesium Fluoride offers excellent broadband transmission from the DUV to the mid-IR. It's DUV transmission makes it ideal for use at the Hydrogen Lyman-alpha line and for UV radiation sources and receivers, as well as excimer laser applications. It is a rugged material resistant to chemical etching, laser damage, and mechanical and thermal shock.Magnesium Fluoride has a Knoop Hardness of 415 and index of refraction of 1.38.

1)Excellent Transmission from 120nm to 7μm

2)Rugged and Durable

Specifications:

Material.....MgF2(Optical Grade)
Clear Aperture.....>90%
Dimensional Tolerance.....+0.0/-0.1mm
Thickness Tolerance.....±0.1mm
Surface Quality.....60-40
Surface Accuracy.....λ/2@632.8nm
Parallelism.....<1 arc min.
Coating.....No Coating

P/N	Φ	T
10601	10.00	2.00
10602	12.70	2.00
10603	15.00	2.00
10604	20.00	3.00
10605	25.40	3.00

●Demension unit:mm
●Other sizes and coatings are available upon request.