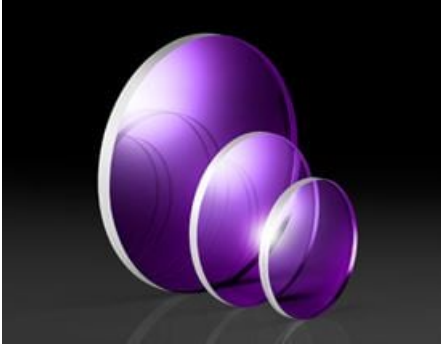


[All Products](#) / [Optics](#) / [Windows and Diffusers](#) / [UV and IR Windows](#)

ISP Optics Calcium Fluoride (CaF₂) Windows See More by [ISP Optics](#)



- Greater than 90% Transmission from 350nm-7μm
- Low Index of Refraction
- Low Solubility and Chemically Inert

Common Specifications

| Physical & Mechanical Properties | | | |
|--|----------------------|---------------------------------------|--|
| Bevel: | Protective as needed | Clear Aperture (%): | 85 |
| Edges: | Fine Ground | Knoop Hardness (kg/mm ²): | 158.3 |
| Parallelism (arcmin): | <3 | Poisson's Ratio: | 0.26 |
| Young's Modulus (GPa): | 75.8 | | |
| Optical Properties | | | |
| Abbe Number (v _d): | 94.99 | | |
| Axis Orientation: | Random | Coating: | Uncoated |
| Index of Refraction (n _d): | 1.434 | Substrate: | Calcium Fluoride (CaF₂) |
| Surface Flatness (P-V): | 2λ | Surface Quality: | 40-20 |
| Wavelength Range (nm): | 300 - 8000 | | |
| Material Properties | | | |
| Coefficient of Thermal Expansion CTE (10 ⁻⁶ /°C): | | 18.85 | |
| Density (g/cm ³): | | 3.18 | |

Technical Information

Products

| Dia. (mm) | Thickness (mm) | Coating | Model Number | Stock Number | Price | Buy |
|--|-------------------|----------|-----------------|--------------|---------|----------|
| #24-514 Clearance | | | | | | |
| <div><div></div><div>×</div></div> | | | | | | |
| Clearance | | | | | | |
| Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | | | | | | |
| 25.40 | 1.00 | Uncoated | CF-W-25-1 | | €110,00 | 3-4 days |
| #24-522 Clearance | | | | | | |
| <div><div></div><div>×</div></div> | | | | | | |
| Clearance | | | | | | |
| Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products. | | | | | | |
| 38.10 | 3.00 | Uncoated | CF-W-38-3 | | €135,00 | 3-4 days |

[#24-525 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

38.10

6.00

Uncoated

CF-W-
38-6

€135,00

3-4 days

[#19-717 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

50.80

3.00

Uncoated

CF-W-
50-3

€165,00

In Stock

[#24-531 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

| | | | | | |
|-------|-------|----------|------------|---------|----------|
| 76.20 | 12.70 | Uncoated | CF-W-76-12 | €832,50 | 3-4 days |
|-------|-------|----------|------------|---------|----------|

[#24-532 Clearance](#)



Clearance

Availability is limited, so buy before these products disappear. Sorry, we cannot accept returns. Receive up to 80% off select products.

| | | | | | |
|-------|------|----------|-----------|---------|----------|
| 76.20 | 4.00 | Uncoated | CF-W-76-4 | €530,00 | 3-4 days |
|-------|------|----------|-----------|---------|----------|

[#24-534 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

| | | | | | |
|-------|------|----------|-----------|---------|----------|
| 76.20 | 8.00 | Uncoated | CF-W-76-8 | €530,00 | 3-4 days |
|-------|------|----------|-----------|---------|----------|

[#24-535 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

| | | | | | |
|--------|------|----------|------------|-----------|----------|
| 101.60 | 8.00 | Uncoated | CF-W-101-8 | €1.017,50 | 3-4 days |
|--------|------|----------|------------|-----------|----------|

[#24-536 Clearance](#)



Clearance

Availability
is limited,
so buy
before
these
products
disappear.
Sorry, we
cannot
accept
returns.
Receive
up to 80%
off select
products.

101.60

10.00

Uncoated

CF-W-
101-10

€1.017,50

3-4 days



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