

Laser Optex Inc

AR Coated ZnSe windows for High power CO₂ laser



Windows are frequently used in optical systems to separate the environment in one part of the system from another, such as to seal vacuum or high pressure cells.

Because of the high index of refraction of most infrared transmitting materials, an

antireflection coating is typically applied to windows in order to minimize losses due to reflections.

Transmittance : $\geq 99\%$ at $10.6\mu\text{m}$

$\geq 97\%$ (9~11 μm)

Diameter Tolerance	+0,000" -0,005"
Thickness Tolerance	+0,005" -0,010"
Surface figure at 10.6 μm	1/20 fringe
Parallelism	< 30 arc seconds
Surface Quality, Scratch Dig	40-20

Part Number	dimension, mm	Price, USD
LZW122	Φ12.7×2	36.50
LZW192	Φ19.0×2	42.50
LZW193	Φ19.0×3	47.50
LZW253	Φ25.0×3	85.00
LZW385	Φ38.1×5	275.00
LZW506	Φ50.0×6	495.00

Prices are for 1 piece in 5 pieces order.

Discounts:

Discounts available depends on volume of the order.

Delivery

Overnight delivery from stock or produce in three weeks

Order:

You can send your order by [e-mail](#) or fax .

Non-standard sizes and requirements:

You can give us your requirements by e-mail

sales@laseroptex.com

We reply as soon as possible.