

Zinc Selenide Crystals

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Zinc selenide is the preferred material for high power CO₂ laser optical components due to its low optical transmission loss and good light transmission performance. It is also an ideal material for protecting Windows and optical components in FLIR thermal imaging systems. At the same time, ZnSe is also widely used for Windows and lenses in medical and industrial thermal radiometers and infrared spectrometers. ICC can supply zinc selenide blank and finished product in various specifications.

Material characteristics

Available sizes	3mm ϕ 200mm
Growing method	CVD
Wavelength Range	0.55-20 μ m
Blank shape	Round, rectangular, wedge, lens, step drilled, special-shaped

Product Type

