

Anti Reflection Coating

10.6μm

UCS_ZAR_01

Productnumber: 1ZnSe000001

This coating is used on Zinc Selenide lenses and windows in high power laser applications where low absorption is important.

Spectral - additional

Tavg	>99.35%	For a 2mm thick witness piece, coated on both sides with UCS_ZAR_01.
Ravg	<0.2% per surface	Per surface, for a 2mm thick witness piece, coated with UCS_ZAR_01.
Absorption	<0.25%	

Environmental Properties

Adhesion	MIL-C-48497A, 08/09/1980, para 4.5.3.1
Adhesion Remark	Tape Test
Humidity	MIL-C-48497A, 08/09/1980, para 4.5.3.2
Humidity Remark	24Hrs, 49°C, 95-100% relative humidity
Abrasion	MIL-C-48497A, 08/09/1980, para 4.5.3.3
Abrasion Remark	Moderate, 50 strokes with a cheesecloth

Sizes

Up to 300mm diameter



High Efficiency Anti Reflection 10.6μm

