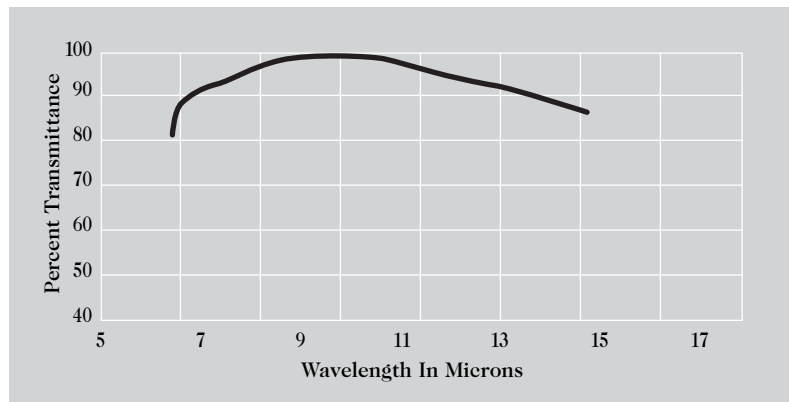


# Zinc Selenide (ZnSe CVD) Coated AR 8-12 microns both sides

**Dia tolerance** +0,-0.005" (+0,-0.13mm)  
**Th tolerance** ±0.005" (±0.13mm)  
**Clear Aperture** 85%  
**Parallelism** 3 arc min  
**Flatness** 1/20 wave at 10.6 um  
**Surface Finish** 60/40

CAT #	DIA, in	DIA, mm	TH, in	TH, mm
AR812-ZC-W-25-2	1.0	25.4	0.079	2.0
AR812-ZC-W-25-3	1.0	25.4	0.118	3.0
AR812-ZC-W-38-3	1.5	38.1	0.118	3.0
AR812-ZC-W-50-3	2.0	50.8	0.118	3.0
AR812-ZC-W-50-5	2.0	50.8	0.197	5.0

## Broad Band Antireflection Coating ZnSe 8-12 um



Average Transmittance of AR coated 8-12 um ZnSe window is over 96%.  
Uncoated ZnSe window transmits 63%.

### GENERAL ENVIRONMENTAL SPECIFICATIONS:

Adhesion, abrasion, humidity and thermal cycle requirements per MIL-C-48497, MIL-M-13508.

*Custom sizes and specifications are available*