

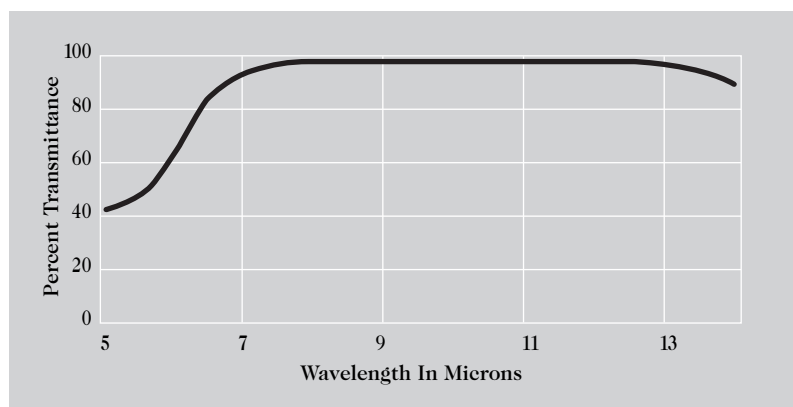
Germanium (Ge)

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 1/10 wave at 10.6 um
Surface Finish 40/20

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

Broad Band Antireflection Coating Ge 8-12 um



Average Transmittance of AR coated 8-12 um Ge window is over 96%.
 Uncoated Ge window transmits 46%.

GENERAL ENVIRONMENTAL SPECIFICATIONS:

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

Custom sizes and specifications are available