

Infrared Diffuser 8.0-12.0 microns

for transmission or reflection;
one side polished, the other "frosted"

Spectral Range 8.0-12.0 microns
Dia tolerance +0,-0.005" (+0,-0.13 mm)
Th tolerance +/-0.005" (+/-0.13 mm)

Polished side:

Clear Aperture 85%
Parallelism 3 arc min
Flatness 2 waves at 633 nm
Surface Finish 40/20

CAT #	Dia, in	Dia, mm	Th, in	Th, mm
DIF2-IR-25-3	1.0	25.4	0.118	3.0
DIF2-IR-38-3	1.5	38.1	0.118	3.0
DIF2-IR-50-5	2.0	50.8	0.197	5.0

Custom sizes and specifications are available