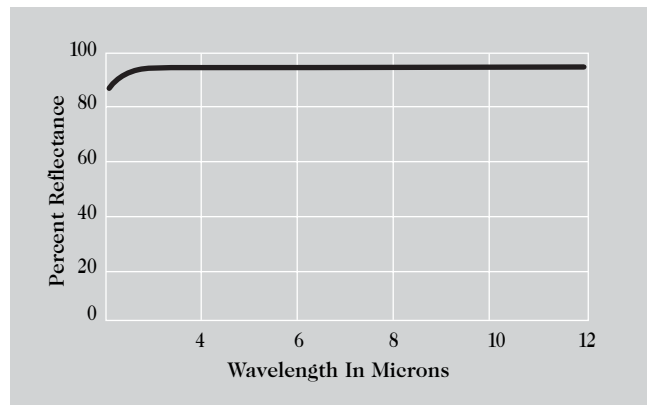
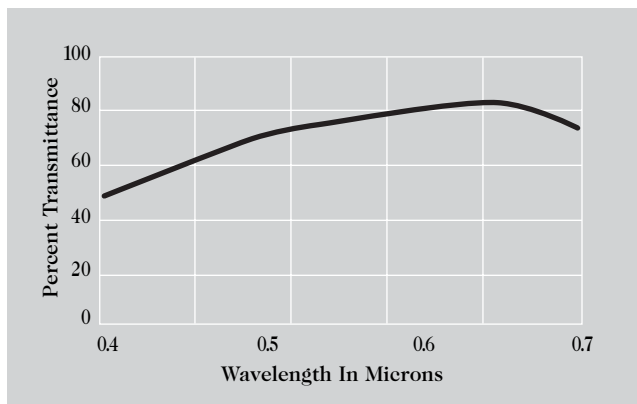


Beamsplitter Gold Dichroic 0.4-12.0 microns

transmits VIS (400-700 nm) light and reflects IR (3-12 microns) radiation

Dia tolerance +0,-0.005" (+0,-0.13mm)
Th tolerance ±0.005" (±0.13mm)
Clear Aperture 85%
Parallelism 3 arc min
Flatness 1/4 waves at 633 nm
Surface Finish 40/20
Coating Transmittance 70% average for 400-700 nm
 Reflectance 95% for 3-12 microns
 Angle of Incidence from 0 to 45 deg

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



GENERAL ENVIRONMENTAL SPECIFICATIONS:

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

Custom sizes and specifications are available