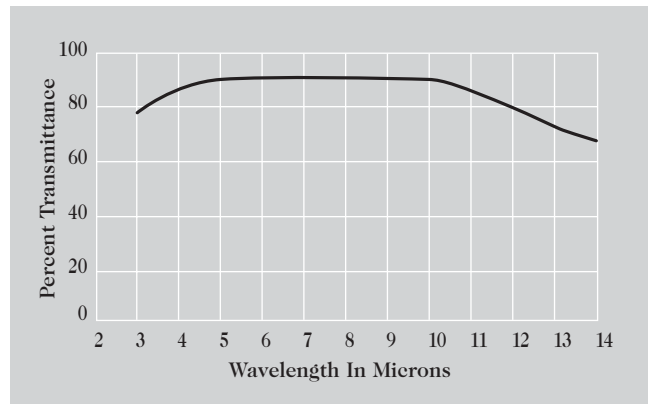
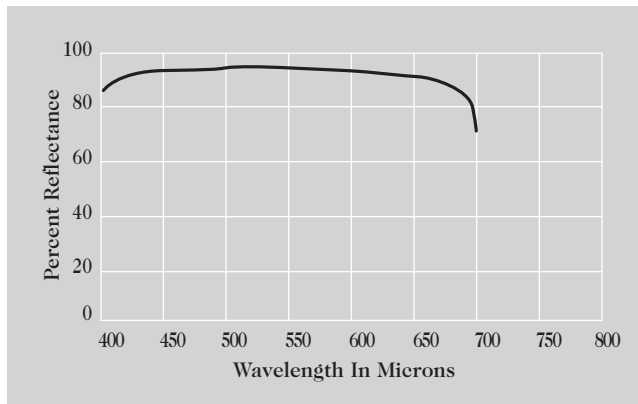


Beamsplitter Platinum Dichroic 0.4-12.0 microns

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

Dia tolerance +0,-0.005" (+0,-0.13mm)
Th tolerance ±0.005" (±0.13mm)
Clear Aperture 90%
Parallelism 3 arc min
Flatness 1/4 waves at 633 nm
Surface Finish 40/20
Coating Reflectance 85% average for 400-700 nm
 Transmittance 85% average for 3-12 microns
 Antireflectance coating on rear surface, R < 5% average for 3-12 microns
 Angle of Incidence 45 deg

CAT #	DIA, in	DIA, mm	TH, in	TH, mm
BSP-PD-25-2	1.0	25.4	0.079	2.0
BSP-PD-50-3	2.0	38.1	0.118	3.0



GENERAL ENVIRONMENTAL SPECIFICATIONS:

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

Custom sizes and specifications are available