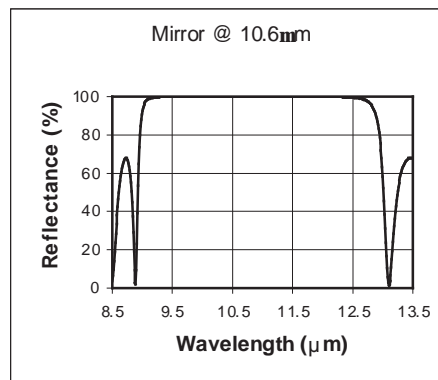
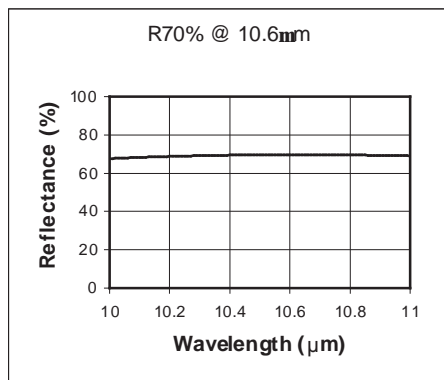


SPECIFICATIONS	
Substrate:	Ge, ZnSe
Surface Flatness:	1/20 @ 10.6mm
Surface Quality:	40/20
Diameter	+0.0/-0.010"
Tolerance:	
Thickness	60.010"
Tolerance:	
Clear Aperture:	85% of diameter
Absorption:	0.1% per surface
Durability:	MIL-C-13508

COATINGS	
Reflectance:	
Mirror	R > 99.5% @ AOI = 0° R > 99.0% @ AOI = 45°
Partial	See table
Angel of Incidence:	0/45 = 0° or 45°
Output Coupler	OC = 08
Beamsplitter	BS = 458

REFLECTANCE	
561.0	6064.0
1063.0	6564.0
1563.0	7064.0
2063.0	7564.0
2563.0	8062.0
3063.0	8561.5
3563.0	9061.5
4063.0	9561.0
4563.0	9861.0
5063.0	9960.2
5563.0	99.560.2



PART NUMBER		
CO ₂ Mirror	(inch)	T (inch)
ZnSe		
MI-0512-Z-H106-0/45	0.5	0.120
MI-1012-Z-H106-0/45	1.0	0.120
MI-1112-Z-H106-0/45	1.1	0.120
MI-1516-Z-H106-0/45	1.5	0.160
MI-2020-Z-H106-0/45	2.0	0.200
Ge		
MI-0512-G-H106-0/45	0.5	0.120
MI-1012-G-H106-0/45	1.0	0.120
MI-1112-G-H106-0/45	1.1	0.120
MI-1516-G-H106-0/45	1.5	0.160
MI-2020-G-H106-0/45	2.0	0.200

PART NUMBER			
Output Coupler	Beamsplitter	(inch)	T (inch)
ZnSe			
OC-0512-Z-H106-R	BS-0512-Z-H106-R	0.5	0.120
OC-1012-Z-H106-R	BS-1012-Z-H106-R	1.0	0.120
OC-1012-Z-H106-R	BS-1112-Z-H106-R	1.1	0.120
OC-1516-Z-H106-R	BS-1516-Z-H106-R	1.5	0.160
OC-2020-Z-H106-R	BS-2020-Z-H106-R	2.0	0.200
Ge			
OC-0512-G-H106-R	BS-0512-G-H106-R	0.5	0.120
OC-1012-G-H106-R	BS-1012-G-H106-R	1.0	0.120
OC-1012-G-H106-R	BS-1112-G-H106-R	1.1	0.120
OC-1516-G-H106-R	BS-1516-G-H106-R	1.5	0.160
OC-2020-G-H106-R	BS-2020-G-H106-R	2.0	0.200

ORDERING EXAMPLE: **BS - 2020 - G - H106 - 90**

↑ PRODUCT CODE ↑ DIMENSION ↑ SUBSTRATE ↑ WAVELENGTH ↑ REFLECTANCE