



FOCUS IN AIR
OPTICAL FOCUS WITH IR FILTER, WINDOW AND CCD COVER GLASS IN PLACE

EXTRA FOCUS DISTANCE DUE TO OPTICAL THICKNESS OF INTERVENING WINDOWS
USE THE FOLLOWING FORMULA TO COMPUTE THIS EXTRA DISTANCE:

$$T = \frac{1}{n} \times W$$

WHERE n EQUALS THE REFRACTIVE INDEX OF THE WINDOW AND W IS THE WINDOW THICKNESS. A VALUE OF 1.51 FOR n IS SUFFICIENTLY PRECISE FOR THIS APPLICATION.

0.94
28.42 mm
1.119 inch
FOCUS IN AIR

CONTRACT MAXFIELD		OPTEC, Inc.	
REVISION 4/30/97		MAXFIELD ASSEMBLY	
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