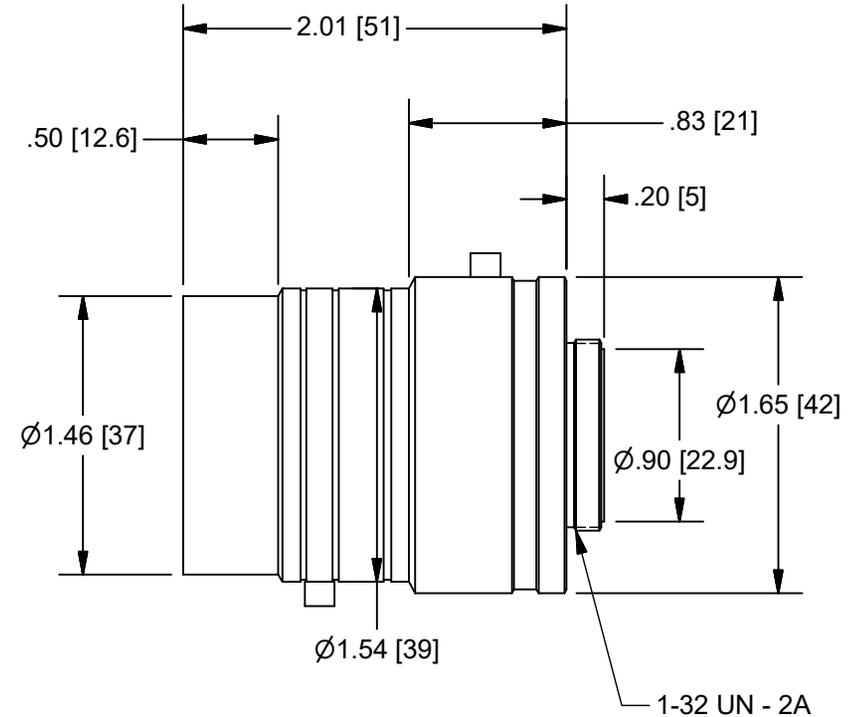


Lens Specifications - SWIR-12

Specifications	1"	2/3"	1/2"
Focal Length	f = 12.5mm		
Iris Range	F1.4 - 16		
Image Size	12.8 x 9.6mm	8.8 x 6.6mm	6.4 x 4.8mm
Angle - Vertical	42.5°	29.5°	21.6°
Horizontal	55.6°	39.1°	28.7°
Diagonal	67.6°	48.3°	35.7°
Distortion (TV)	-1.58%	-1%	-0.6%
Minimum Focus Distance	0.3m		
Flange Back	17.526mm in air		
Back Focus	12.6mm in air		
Filter Screw Size	M35.5 x 0.5		
Effective Diameter - Front	28.1mm dia.		
- Rear	17.5mm dia.		
Mount	C-Mount		
Exit Pupil	-45.9mm dia.		
Temperature Range	- 10 ~ + 50 deg. C		
Strong Temperature Range	- 20 ~ + 60 deg. C		

REVISION HISTORY

REV	DESCRIPTION	DATE	DR BY	CH BY
A	RELEASE	11/10/2010	BAE	



OUTLINE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES	PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.			
SCALE: 1:1	WEIGHT: N/A	LENS, 12.5mm FL, 1", F1.4		
DR BY: BAE	CH BY:			
PROJECT #: DO NOT SCALE DRAWING	DATE DR: 11/10/2010	SIZE A	SWIR-12 SHEET 1 OF 1	REV A

