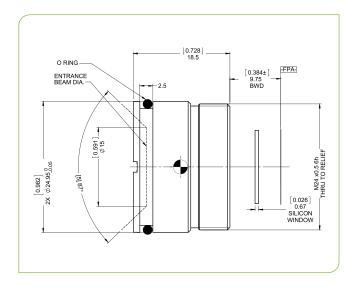
## SupIR 8.9mm f/1.4, Fixed Athermalized 680275





HFOV	320x240	384x288	640x480
17µ	34.9°	41.8°	69.0°
12µ	24.3°	29.1°	49.1°

Property			Value	Value			
Optical							
Focal Length			8.9mm	8.9mm			
F#			1.4	1.4			
Average transmission (8-12µm)			94% (HD)	94% (HD) / 87% (HC)			
Back Focal Length			11.55mm	11.55mm in air			
Mechanical							
Focus Mechanism			Fixed	Fixed			
Depth of Field			5m to infir	5m to infinity			
Focus Range			0.2m to in	0.2m to infinity			
Weight			21gr	21gr			
Max. Dimensions			Ø24.95mr	Ø24.95mm x 18.5mm			
Environmental							
Operation Temperature			-40°C to +	-40°C to +80°C			
Storage Temperature			-55°C to +	-55°C to +85°C			
Sealing		IP 67 front	IP 67 front element only				
Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating		
680275-001	<b>–</b> 21	Ø24.95mm x 18.5mm	9.75	M24x0.5	HD		
680275-002					HC		

<sup>\*\*</sup> The BWD value is calculated for a unique detector setup with varying sealing windows in terms of thickness and material. For more details, contact your local sales representative.



<sup>\*</sup> The ICD drawing provided here is primarily a representation and may not accurately reflect the product's actual dimensions and specifications. For precise integration specifications contact your local sales representative.