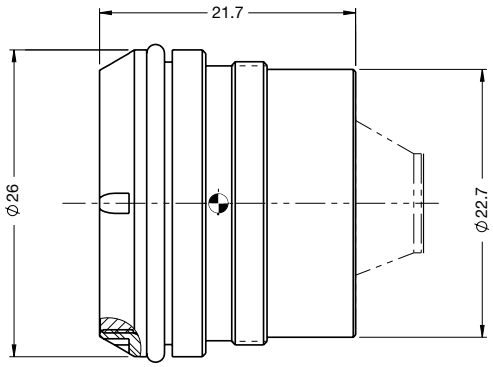
SupIR 8.7mm f/1.0, Fixed Athermalized
680310



HD FORMAT

Ge FREE

TYPICAL ICD*



HFOV	320x240	384x288	640x480	1024x768
17µ	35.3°	42.4°	71.8°	
12µ	24.9°	29.9°	50.1°	
10µ	20.8°	24.9°	41.6°	67.4°

Property	Value
Optical	
Focal Length	8.7mm
F#	1.0
Average transmission (8-12µm)	90% (HD) / 88% (HC)
Back Focal Length	7.39mm in air
Mechanical	
Focus Mechanism	Fixed
Depth of Field	6m to infinity
Focus Range	0.2m to infinity
Weight	25.4gr
Max. Dimensions	Ø26.0mm x 21.7mm
Environmental	
Operation Temperature	-40°C to +80°C
Storage Temperature	-54°C to +85°C
Sealing	IP 67 front element only

Configurations	Weight (gr)	Dimensions	BWD**	Thread	Coating
680310-005	25.4	Ø26.0mm x 21.7mm	5.76	M24x0.5	HD
680310-006					HC

* 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.

** 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.