



## 286-000

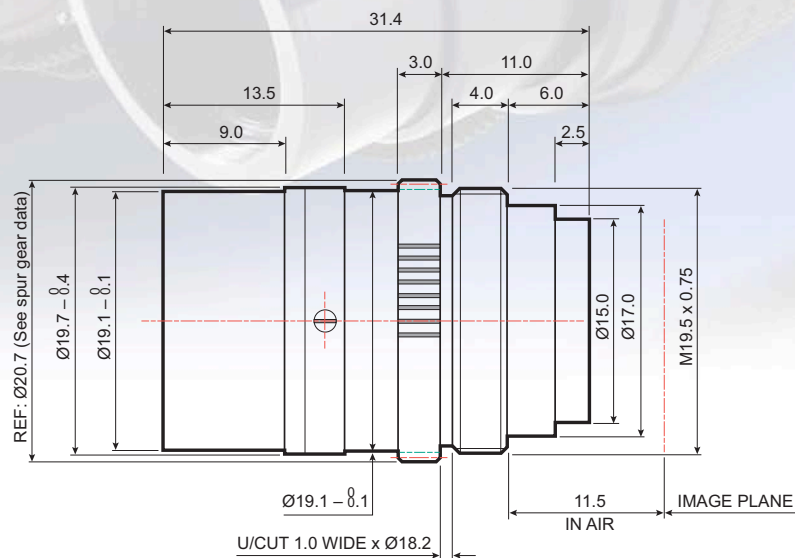
### 9 mm f/2 Fixed Focus Non-Browning Lens

The 286-000 Lens has been specifically designed for 2/3 inch image format radiation resistant CCD cameras.

All Resolve Optics Ltd non-browning lenses are manufactured to the highest standards of quality and performance and are designed to withstand a total radiation dose of  $10^8$  rads.



In keeping with Resolve Optics tradition of designing unique lenses we are able to provide NB lenses to meet your exact specification. If you cannot find a lens, within our standard range that meets your requirements, please contact us to discuss the possibility of developing a lens for you.



DATA SHEET



## 286-000

### 9 mm f/2 Fixed Focus Non-Browning Lens

Focal length	9mm		
Aperture	Iris: f/2 to f/16		
Image Format	8.8 x 6.6mm 2/3" CCTV Format (11mm diagonal)		
Field of View	61 degrees		
Object Distance	Designed for object at infinity		
Spectral Waveband	Designed for 540 – 750nm		
Image Resolution	For cameras resolving 550 horizontal TV lines equivalent to 40 line pairs/mm		
	<b>Image diameter in mm</b>	<b>Average S &amp; T</b>	<b>Minimum S or T</b>
	0.to 8mm	75	45
	8 to 11mm	40	30
Geometric Distortion	< 1%		
Vignetting	No mechanical vignetting		
Mechanical Length	31.4mm		
Mechanical Diameter	20.7mm		
Temperature Range	Operating 0°C to 40°C		Storage -10°C to 70°C
Register	10.5mm ± 1.0mm Including Faceplate		
Focusing Mount	None		
Filters	None		
Lens Register	Position: 11.5mm from front of mount		

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